

ATTACHMENT 2 – USCG MISLE CASE #381733

Case Report

Case #: 381733

Case Opened: 11/07/2007 8:40:42 AM

Case Closed:

Status: Open - In Progress

Title: MS Allision/ 37 46. N 122 18. W/071630ZNOV07

Incident Type/Subtype: MS Allision

SMC/IC: Sector San Francisco

Contains Activities:

A. Activity ID:3095059 Title: Resource Sortie - Patrol (Non-Security)

B. Activity ID:3094822 Title: Incident Management - MS Allision/ 37 46. N 122 18. W/071630ZNOV07
Incident Summary:

C. Activity ID:3095056 Title: Resource Sortie - Patrol (Non-Security)

D. Activity ID:3095621 Title: Resource Sortie - Patrol (Non-Security)

E. Activity ID:3095968 Title: Vessel Inspection/PSC - ISM Exam

F. Activity ID:3095046 Title: Resource Sortie - Patrol (Non-Security)

G. Activity ID:3094631 Title: Incident Management - MS Allision/ 37 46. N 122 18. W/071630ZNOV07
Incident Summary: The container ship Cosco Busan got underway from Oakland berth 56 for sea, unit Romeo was piloting the ship. Sector San Francisco Vessel Traffic Service noticed the vessel making an unusual turn. Traffic asked the pilot what his intentions were, the pilot stated that he intendeds to transit under the Delta- Echo span of the Bay Bridge. Traffic stated that the vessel was on a heading that looked unusual; the pilot stated that his instruments had a different reading. Shortly after traffic was contacted by the pilot stating that he had just struck the bridge. VTS SF NTFD the Sector San Francisco Command Center (SCC) and the California Transportation Authority (CAL TRANS). CAL TRANS dispatched inspectors/engineers to the allision site and RPTD no damage to the bridge structure w/ the exception of the fendering system. Following the allision, COSCO BUSAN proceeded to San Francisco Bay anchorage (ANC) 7 where San Francisco Bar Pilot Unit "R" was relieved by unit "37." 37 later piloted SUBJ VSL FM ANC 7 to ANC 9. COTP Order 07-074 was issued by COTP SF and RCVD by VTS SF requiring COSCO BUSAN to remain in ANC 9 until released by COTP Order. COTP 07-074 was later ammended to permit SUBJ VSL to depart anchorage for the Hanjin Terminals at the Port of Oakland, CA. As of 101747U NOV 07 M/V COSCO BUSAN remained moored alongside of Hanjin Berth 56 Oakland Ca. Activity Closed - Sector San Francisco / VTS

MISLE Attachments:

Documents: : P 080357Z NOV 07 ZUI ASN.doc; : 7b5060ee5c0c.pdf; : 11 07 07 07 43 45 Traffic Report Prepare UW.wav; : 11 07 07 08 08 35 Cosco Busan Underway.wav; : 11 07 07 08 52 50 Cosco Busan Anchorage 7.wav; : 11 07 07 08 55 06 Encinal Report of Debris.wav; : 11 07 07 09 00 41 Securite Call.wav; : 11 07 07 09 01 38 Unit 37 Aboard Cosco Busan.wav; : 11 07 2007 08 31 42 Report of Bridge Allision.wav; : 11 07 07 08 32 Int Report to SCC - Perez.wav; : 11 07 07 08 33 58 Unit R Phone Call - Cooper.wav; : 11 07 07 08 33 Int Call to CALTRANS - Unit R Call Perez.wav; : 11 07 07 08 49 Pete McIssac Fuel in Water.wav; : 11 07 07_09 39 13 Mr Perez - CALTRANS.wav; : 11 07 07 09 42 55 Mr Perez - Sean Kelly.wav; : 11 07 07 09 15 27 Mr Perez - KCBS.wav; : 11 07 07 09 14 32 Lynn Marie Reporting Oily Sheen.wav; : 11 07 07 09 09 SCC Call to VTS - No Departure Order for CB.wav; : 11 07 07 09 09 SCC Call to VTS - No Departure Order for CB.wav; : 11 07 07 09 09 34 Part 2 Unit 37 Call to VTS.wav; : 11 07 07 09 09 34 Part 2 Unit 37 Call to VTS.wav; : 11 07 07 08 57 Unit R Disconnected Tel Call to VTS.wav; : 11 07 07 08 49 Pete McIssac Fuel in Water.wav; : 11 07 07 08 55 Pete McIssac Fuel Recovery Request - Unit R Oil in Water Unit 37 to Board CB - VTS OPS notified.wav; : Cosco Busan.avi; : Cosco Busan - MISLE #381733.msg; : 11 07 2007 08 55 56 Phone Conversations.wav; Photograph: 11 07 2007 08 30 00 Allision.bmp; : P 110323Z NOV 07 PSN 589028H32.doc; : P 100531Z NOV 07 ZUI ASN-P01314000016.doc;

H. Activity ID:3095030 Title: Incident Investigation - M/V COSCO BUSAN/ALLISION/POLLUTION

I. Activity ID:3096205 Title: Incident Management -
Incident Summary:

Print for Activity: 3094631

Case Title: MS Allision/ 37 46. N 122 18. W/071630ZNOV07

Case Number: 381733 Activity Number: 3094631

| Date/Time | Subject(s) | Entered By |
|--------------|--------------|-----------------|
| 071630ZNOV07 | <no subject> | Cooper, Drew P. |

Message

Initial Notification - SF BAR PILOT UNIT R WAS PILOTING THE M/V COSCO BUSAN UNDER THE OAKLAND BAY BRIDGE AND STUCK THE DELTA TOWER OF THE BRIDGE.

| Date/Time | Subject(s) | Entered By |
|--------------|--------------|-------------------|
| 071630ZNOV07 | <no subject> | NAGLE, RUSSELL P. |

Message

SCC rcvd rpt from VTS stating that the M/V Cosco Busan had struck the delta tower of the bay bridge while transiting outbound from Oakland. The vs1 is now at anchorage 7. VTS reports they will contact CALTRANS

| Date/Time | Subject(s) | Entered By |
|--------------|----------------------------|------------------|
| 071631ZNOV07 | COSCO BUSAN; COTA, JOHN A. | Flesher, Gabriel |

Message

| Date/Time | Subject(s) | Entered By |
|--------------|--------------|-----------------|
| 071633ZNOV07 | <no subject> | Cooper, Drew P. |

Message

SEC SF VTS BRIEFED CAL TRANS: ALLISION TO THE EAST SIDE OF THE DELTA TOWER OF THE OAKLAND BAY BRIDGE. REPORTED DAMAGE TO PILEINGS.

| Date/Time | Subject(s) | Entered By |
|--------------|--------------|-------------------|
| 071636ZNOV07 | <no subject> | NAGLE, RUSSELL P. |

Message

SCC issued an SMIB about the COSCO BUSAN making contact with the Bay Bridge. SMIB warned all vs1s to keep a 100yrd distance from the vs1 and to transit the area with caution. SMIB is to be issued every 15 minutes.

| Date/Time | Subject(s) | Entered By |
|--------------|--------------|-------------------|
| 071637ZNOV07 | <no subject> | NAGLE, RUSSELL P. |

Message

SU briefed ENS Hopper

| Date/Time | Subject(s) | Entered By |
|--------------|--------------|-------------------|
| 071640ZNOV07 | <no subject> | NAGLE, RUSSELL P. |

Message

SCC briefed Mr. Sulouff at D11

| Date/Time | Subject(s) | Entered By |
|--------------|--------------|-------------------|
| 071646ZNOV07 | <no subject> | NAGLE, RUSSELL P. |

Message

Briefed STA SF for launch to investigate damage to bridge and vessel

| Date/Time | Subject(s) | Entered By |
|--------------|--------------|-----------------|
| 071648ZNOV07 | <no subject> | Cooper, Drew P. |

Message

PIER DEBRIS AND FUEL IN WATER DID NOT KNOW THE FULL EXTENT OF DAMAGE. RECOMMENDED CONTACT ARMY CORP OF ENGINEERS AND RESPOND TO DEBRIS IN WATER.

| Date/Time | Subject(s) | Entered By |
|--------------|-------------|-----------------|
| 071650ZNOV07 | COSCO BUSAN | Cooper, Drew P. |

Message

COSCO BUSAN RPTD TO VTS: ANCHORED IN ANCHORAGE 7.

| Date/Time | Subject(s) | Entered By |
|-----------|------------|------------|
|-----------|------------|------------|

071650ZNOV07 <no subject> NAGLE, RUSSELL P.

Message

Briefed IMD, MST2 Anderson will be departing to investigate spill

| Date/Time | Subject(s) | Entered By |
|--------------|--------------|--------------------|
| 071650ZNOV07 | <no subject> | bidowski, andrea . |

Message

SCC was notified by NRC (report # 853865) that there was oil in the water caused by the M/V Cosco Busan. IMD was briefed via phone.

| Date/Time | Subject(s) | Entered By |
|--------------|---------------------------------|-----------------|
| 071655ZNOV07 | COTA, JOHN; HOBURG, ELLSWORTH F | Cooper, Drew P. |

Message

MR HOBURG (SF BARY PILOT UNIT: 37) STATED HE HAD RELIEVED CAPTAIN JOHN COTA (SF BAR PILOT UNIT: R).

| Date/Time | Subject(s) | Entered By |
|--------------|--------------|-----------------|
| 071659ZNOV07 | <no subject> | Cooper, Drew P. |

Message

VTS SF SENT SECURITE BCST TO INFORM VESSELS OF MINIMUM WAKE AROUND COSCO BUSAN IN ANC 7.

| Date/Time | Subject(s) | Entered By |
|--------------|-------------|---------------|
| 071704ZNOV07 | UTB - 41392 | Boyd, Ryan E. |

Message

Response Resource Requested

| Date/Time | Subject(s) | Entered By |
|--------------|-------------|---------------|
| 071704ZNOV07 | UTB - 41392 | Boyd, Ryan E. |

Message

UTB - 41392 USCG - CG STA SAN FRANCISCO Launched

| Date/Time | Subject(s) | Entered By |
|--------------|--------------|-----------------|
| 071705ZNOV07 | <no subject> | Cooper, Drew P. |

Message

VTS SF NTFD THE ACOE OF THE DEBRIS IN THE WATER SOUTH OF THE OAKLAND BAY BRIDGE.

| Date/Time | Subject(s) | Entered By |
|--------------|------------|-----------------|
| 071710ZNOV07 | LYNN MARIE | Cooper, Drew P. |

Message

TUB LYNN MARIE INFORMED VTS THAT THE TUG HAD SPOTTED FUEL AND DEBRIS FROM YERBA BUENA ISLAND TO THE ALPHA TOWER OF THE OAKLAND BAY BRIDGE.

| Date/Time | Subject(s) | Entered By |
|--------------|-------------|---------------|
| 071713ZNOV07 | UTB - 41392 | Boyd, Ryan E. |

Message

UTB - 41392 USCG - CG STA SAN FRANCISCO On Scene at 071713Z NOV 07

| Date/Time | Subject(s) | Entered By |
|--------------|-------------|---------------|
| 071713ZNOV07 | UTB - 41392 | Boyd, Ryan E. |

Message

Target Located at 071713Z NOV 07

| Date/Time | Subject(s) | Entered By |
|--------------|-------------|---------------|
| 071713ZNOV07 | UTB - 41392 | Boyd, Ryan E. |

Message

UTB - 41392 USCG - CG STA SAN FRANCISCO Alongside

| Date/Time | Subject(s) | Entered By |
|--------------|--------------|-----------------|
| 071722ZNOV07 | <no subject> | Cooper, Drew P. |

Message

ACOE STATED THAT THEY WOULD SEND ASSESTS TO ASSIST IN DEBRIS CLEAN UP.

| Date/Time | Subject(s) | Entered By |
|-----------|------------|------------|
|-----------|------------|------------|

071722ZNOV07 <no subject>

NAGLE, RUSSELL P.

Message

contacted agent who stated that OSRO had been notified

Date/Time **Subject(s)**
071723ZNOV07 HOBURG, ELLSWORTH F

Entered By
Cooper, Drew P.

Message

INQUIRED IF ANY OF THE OIL RESPONSE BOATS HAVE CHECKED IN FOR THE COSCO BUSAN. NO OIL RESPONSE VESSELS HAVE CHECKED IN AS OF YET. VTS QUERRIED THE PILOT ON FUEL LEAKAGE SITUATION. PILOT'S RESPONSE WAS THE SHIP'S CREW HAS SECURED THE FUEL SPILL.

Date/Time **Subject(s)**
071730ZNOV07 <no subject>

Entered By
NAGLE, RUSSELL P.

Message

conducted virtual brief

Date/Time **Subject(s)**
071739ZNOV07 <no subject>

Entered By
Cooper, Drew P.

Message

CAL TRANS RPTD TO VTS THAT INVESTIGATORS WERE ON SEEN TO CHECK THE STURCTURAL DAMGAE TO THE TOWER.

Date/Time **Subject(s)**
071745ZNOV07 <no subject>

Entered By
NAGLE, RUSSELL P.

Message

SCC initiated CIC; CIC request denied due to the issue being a local issue.

Date/Time **Subject(s)**
071745ZNOV07 <no subject>

Entered By
NAGLE, RUSSELL P.

Message

PO Anderson reports the sounding tube appears bent; resulting in uncertain information regarding fuel discharge.

Date/Time **Subject(s)**
071754ZNOV07 HOBURG, ELLSWORTH F

Entered By
Cooper, Drew P.

Message

REQUESTED TO SHIFT THE VESSEL TO ANCHORAGE 9 DUE TO DRAFT CONCERNS, THE VESSEL IS DRAWING 40'4" ANCHORAGE 7 IS NOT AN IDEAL ANCHORAGE FOR THE VESSEL. SEC SF SMC AUTHORIZED.

Date/Time **Subject(s)**
071754ZNOV07 <no subject>

Entered By
NAGLE, RUSSELL P.

Message

COSCO BUSAN enr Anchoarage 9

Date/Time **Subject(s)**
071757ZNOV07 <no subject>

Entered By
NAGLE, RUSSELL P.

Message

CGC Tern briefed for launch

Date/Time **Subject(s)**
071758ZNOV07 COSCO BUSAN

Entered By
Cooper, Drew P.

Message

SEC SF VTS NOTIFIED VSL THAT VESSEL HAD TO MAINTAIN ATLEAST 1 NM DISTANCE FROM ANY ANCHORED VESSEL.

Date/Time **Subject(s)**
071807ZNOV07 COSCO BUSAN; HOBURG, ELLSWORTH F

Entered By
Cooper, Drew P.

Message

UNIT 37 ONBOARD THE COSCO BUSAN CONTACTED SEC SF VTS PREPARING TO DEPART ANCHORAGE 7 FOR ANCHORAGE 9.

Date/Time **Subject(s)**
071812ZNOV07 <no subject>

Entered By
bidowski, andrea .

Message

We received a call from Danny Herod at O'Briens stating that an OSRO Team is getting assembled.

Date/Time **Subject(s)**
071817ZNOV07 RBS - 25501

Entered By
Boyd, Ryan E.

Message

Response Resource Requested

Date/Time **Subject(s)**
071817ZNOV07 RBS - 25501

Entered By
Boyd, Ryan E.

Message

RBS - 25501 USCG - CG STA SAN FRANCISCO Launched

Date/Time **Subject(s)**
071822ZNOV07 <no subject>

Entered By
Cooper, Drew P.

Message

NOTIFIED THAT M/V COSCO BUSAN UNDERWAY FOR ANCHORAGE 9

Date/Time **Subject(s)**
071822ZNOV07 <no subject>

Entered By
NAGLE, RUSSELL P.

Message

CGC Tern assumes PATCOM

Date/Time **Subject(s)**
071825ZNOV07 RBS - 25501

Entered By
Boyd, Ryan E.

Message

RBS - 25501 USCG - CG STA SAN FRANCISCO On Scene at 071825Z NOV 07

Date/Time **Subject(s)**
071825ZNOV07 RBS - 25501

Entered By
Boyd, Ryan E.

Message

Target Located at 071825Z NOV 07

Date/Time **Subject(s)**
071825ZNOV07 RBS - 25501

Entered By
Boyd, Ryan E.

Message

RBS - 25501 USCG - CG STA SAN FRANCISCO Alongside

Date/Time **Subject(s)**
071830ZNOV07 <no subject>

Entered By
NAGLE, RUSSELL P.

Message

The O'Brien's Group notified the SCC that they are the Qualified Individual and will be coordinating the response for the spill. By 1830Z they had already dispatched MSRC, NRC to the scene with four boom boats and two skimmers. OES, Fish and Game, OSPR, and local stakeholders were contacted by SCC and Sector IMD. SCC dispatched PSC, I/O, and IMD team to the vessel to conduct survey and investigation.

Date/Time **Subject(s)**
071914ZNOV07 COSCO BUSAN

Entered By
Cooper, Drew P.

Message

VESSEL ANCHORED IN ANCHORAGE 9.

Date/Time **Subject(s)**
072000ZNOV07 <no subject>

Entered By
NAGLE, RUSSELL P.

Message

Sector stood up Unified Command at YBI. IMD dispatched SCAT teams to conduct shoreline assessment throughout the afternoon. MSST boats were dispatched to conduct safety zone around the vessel, and enforce the security zone around the bridge abutments

Date/Time **Subject(s)**
072007ZNOV07 UTB - 41392

Entered By
Boyd, Ryan E.

Message

UTB - 41392 USCG - CG STA SAN FRANCISCO Departed Scene

| | | |
|--|-----------------------------------|--|
| Date/Time 072010ZNOV07 | Subject(s) UTB - 41392 | Entered By Boyd, Ryan E. |
| Message UTB - 41392 USCG - CG STA SAN FRANCISCO Sortie Ended | | |
| Date/Time 072104ZNOV07 | Subject(s) <no subject> | Entered By NAGLE, RUSSELL P. |
| Message Briefed ASSF for launch | | |
| Date/Time 072110ZNOV07 | Subject(s) RBS - 25406 | Entered By Boyd, Ryan E. |
| Message Response Resource Requested | | |
| Date/Time 072110ZNOV07 | Subject(s) RBS - 25406 | Entered By Boyd, Ryan E. |
| Message RBS - 25406 USCG - CG STA SAN FRANCISCO Launched | | |
| Date/Time 072120ZNOV07 | Subject(s) RBS - 25406 | Entered By Boyd, Ryan E. |
| Message RBS - 25406 USCG - CG STA SAN FRANCISCO On Scene at 072120Z NOV 07 | | |
| Date/Time 072120ZNOV07 | Subject(s) RBS - 25406 | Entered By Boyd, Ryan E. |
| Message Target Located at 072120Z NOV 07 | | |
| Date/Time 072120ZNOV07 | Subject(s) RBS - 25406 | Entered By Boyd, Ryan E. |
| Message RBS - 25406 USCG - CG STA SAN FRANCISCO Alongside | | |
| Date/Time 072130ZNOV07 | Subject(s) RBS - 25406 | Entered By Boyd, Ryan E. |
| Message RBS - 25406 USCG - CG STA SAN FRANCISCO Departed Scene | | |
| Date/Time 072138ZNOV07 | Subject(s) RBS - 25406 | Entered By Boyd, Ryan E. |
| Message RBS - 25406 USCG - CG STA SAN FRANCISCO Sortie Ended | | |
| Date/Time 072204ZNOV07 | Subject(s) RBS - 25501 | Entered By Boyd, Ryan E. |
| Message RBS - 25501 USCG - CG STA SAN FRANCISCO Departed Scene | | |
| Date/Time 072241ZNOV07 | Subject(s) UTB - 41392 | Entered By housey, keith m. |
| Message Response Resource Requested | | |
| Date/Time 072241ZNOV07 | Subject(s) UTB - 41392 | Entered By housey, keith m. |
| Message UTB - 41392 USCG - CG STA SAN FRANCISCO Launched | | |
| Date/Time 072255ZNOV07 | Subject(s) <no subject> | Entered By NAGLE, RUSSELL P. |

Message

ASSF HELO 6516 has experienced a flight casualty and will not be able to land at the confined space at YBI. Directed to RTB.

Date/Time **Subject(s)**
072318ZNOV07 <no subject>

Entered By
NAGLE, RUSSELL P.

Message

STA SF UTB has a 10min ETA.

Date/Time **Subject(s)**
072333ZNOV07 UTB - 41392

Entered By
housey, keith m.

Message

UTB - 41392 USCG - CG STA SAN FRANCISCO On Scene at 072333Z NOV 07

Date/Time **Subject(s)**
072337ZNOV07 <no subject>

Entered By
NAGLE, RUSSELL P.

Message

SCC Updated SMIB to warn mariners to keep a lookout for various amounts of oil and diesel in the water.

Date/Time **Subject(s)**
080000ZNOV07 <no subject>

Entered By
bidowski, andrea .

Message

Issued COTP Order # 07-074.

Date/Time **Subject(s)**
080003ZNOV07 <no subject>

Entered By
NAGLE, RUSSELL P.

Message

STA GG Reports NPS is closing their beaches effected by the oil spill. D11 Notified.

Date/Time **Subject(s)**
080021ZNOV07 <no subject>

Entered By
NAGLE, RUSSELL P.

Message

Briefed D11 about NPS plans to close beaches

Date/Time **Subject(s)**
080121ZNOV07 UTB - 41392

Entered By
housey, keith m.

Message

UTB - 41392 USCG - CG STA SAN FRANCISCO Sortie Ended

Date/Time **Subject(s)**
080202ZNOV07 COSCO BUSAN
A.

Entered By
Fletcher, Gabriel

Message

VTS SF IRO COTP ORDER 07-074 - COSCO BUSAN to remain in ANC 9 until order is adjusted or rescinded and damage assessment required by VSL's classification society.

Date/Time **Subject(s)**
081628ZNOV07 <no subject>

Entered By
NAGLE, RUSSELL P.

Message

CG6516 A/B for overflight

Date/Time **Subject(s)**
081758ZNOV07 <no subject>

Entered By
NAGLE, RUSSELL P.

Message

Briefed ASSF for 2nd overflight

Date/Time **Subject(s)**
081915ZNOV07 <no subject>

Entered By
NAGLE, RUSSELL P.

Message

SCC ntfd D11 of the request for support from the Pacific Strike Team

Date/Time **Subject(s)**
081940ZNOV07 <no subject>

Entered By
NAGLE, RUSSELL P.

Message

ASSF picked up SEC SF CO for overflight

Date/Time **Subject(s)**
082000ZNOV07 <no subject>

Entered By
NAGLE, RUSSELL P.

Message

SCC ntfd D11 of the incident command post contact numbers

Date/Time **Subject(s)**
082214ZNOV07 RBS - 25501

Entered By
Boyd, Ryan E.

Message

RBS - 25501 USCG - CG STA SAN FRANCISCO Sortie Ended

Date/Time **Subject(s)**
090405ZNOV07 COSCO BUSAN
A.

Entered By
Flesher, Gabriel

Message

VTS SF IRO COTP ORDER 07-074 Ammendment 01 for COSCO BUSAN. VSL is permitted to depart ANC 9 for OAK 56. VSL required to have 02 tug escort, minimize list while offloading cargo, shall not depart until COTP SF approves repair proposal.

Date/Time **Subject(s)**
100200ZNOV07 COSCO BUSAN; KELSO, ARNOLD
A.

Entered By
Flesher, Gabriel

Message

Unit 18 A/B M/V COSCO BUSAN RPTS preparing to depart ANC 9 for OAK 56 IAW COTP Order 07-074.

Date/Time **Subject(s)**
100534ZNOV07 <no subject>

Entered By
Grant, Luke J.

Message

100030R - PACAREA - D11 - SEC SAN FRAN - M/V COSCO BUSAN - UPDATE - First light overflights were conducted to determine/assess which areas needed to be skimmed. Eleven skimmers have been actively skimming areas within the affected counties of San Francisco, Marin, Alameda, and Contra Costa. A total of 38,200 feet of boom has been set in these counties with emphasis on 10 known environmentally sensitive sites. Weather conditions continue to promote effective skimming ops inside and outside of the Golden Gate. To date, 8000 to 9500 gallons of product have been recovered. During the last 12 hours, approximately 11,000 gallons of oily water mixture was recovered. Twenty-four shoreline contractor cleanup teams have been employed/assigned at the 22 affected beaches. Seven cubic yards of oily solid material have been collected from impacted beaches. Five Shoreline Cleanup Assessment Teams have been organized and deployed to assess shoreline conditions and provide cleanup recommendations. To date, 94 birds were oiled and are being treated. 28 birds have died. Vessel has safely shifted from Anchorage 9 to Oakland Berth 56. The COTP has detained the vessel under the International Safety Management (ISM) code. Case Pends. V/r, LTJG Grant, LANT/D5 MHLS Watch

Date/Time **Subject(s)**
100556ZNOV07 COSCO BUSAN; KELSO, ARNOLD
A.

Entered By
Flesher, Gabriel

Message

SF Bar Pilot unit 18 RPTS SUBJ VSL moored Hanjin Terminal Berth 56, Oakland CA.

Date/Time **Subject(s)**
110028ZNOV07 <no subject>
A.

Entered By
Flesher, Gabriel

Message

Incident Management Activety 3094631 - Final Review Conducted by OSC G. Flesher (SEC SF - VTS).

Sequence of Events.

11/07/2007 16:30:00 (Known): Initial Notification - SF BAR PILOT UNIT R WAS PILOTING THE M/V COSCO BUSAN UNDER THE OAKLAND BAY BRIDGE AND STUCK THE DELTA TOWER OF THE BRIDGE.

Action Class: Response Communication
Sub-Type: Initial Notification
Location:

Subject(s) and Details:

| <u>Name</u> | <u>Type</u> | <u>Status</u> | <u>Role</u> |
|--------------|-------------|---------------|-------------|
| <no subject> | Other | | |

Details Filed: Notification

Incident Detail/Location

| | |
|--------------------------------|--------------------------------|
| Incident Type: | MS: Allision |
| Incident Date/Time: | 11/07/2007 4:30:00 PM |
| Notification Method: | VHF/FM (other than Channel 16) |
| Date/Time Notified: | 11/07/2007 4:30:00 PM |
| Specific Notification Problem: | No |

Incident Location:

| | |
|--------------------------------|------------|
| Address: | |
| City, St, Zip: | , |
| Province/Country: | / |
| Latitude: | 37 46.0 N |
| Longitude: | 122 18.0 W |
| General Location/Affected Area | |

Reporting Party

| | |
|-------------------|-----------|
| Name: | John Cota |
| Callback Phone: | |
| Cell Phone: | |
| Location: | |
| Address: | |
| City, ST, Zip: | , |
| Province/Country: | / |
| Facility Name: | |
| Organization: | |
| Latitude: | 0 |
| Longitude: | 0 |
| General Location: | |

Involved Subjects

Incident Description

SF BAR PILOT UNIT 9 WAS PILOTING THE M/V COSCO BUSAN UNDER THE OAKLAND BAY BRIDGE AND STUCK THE DELTA TOWER OF THE BRIDGE.

11/07/2007 16:30:00 (Known): SCC rcvd rpt from VTS stating that the M/V Cosco Busan had struck the delta tower of the bay bridge while transiting outbound from Oakland. The vsl is now at anchorage 7. VTS reports they will contact CALTRANS

Action Class: Response Communication
Sub-Type:

Location:

Subject(s) and Details:

| <u>Name</u> | <u>Type</u> | <u>Status</u> | <u>Role</u> |
|---------------------|-------------|---------------|-------------|
| <no subject> | Other | | |
| Details Filed: None | | | |

11/07/2007 16:31:00 (Known):

Event Class: Allision
Sub-Type: Broadside
Location:

Subject(s) and Details:

| <u>Name</u> | <u>Type</u> | <u>Status</u> | <u>Role</u> |
|---------------------|-------------|---------------|----------------------------------|
| COTA, JOHN | Party | | Responsible Party |
| Details Filed: None | | | |
| COSCO BUSAN | Vessel | | Acknowledged Pollution Source |

Details Filed: Collision Details

| | |
|------------------------|---------------|
| Location of Impact: | Port Midships |
| Above/Below WaterLine: | Above |
| Vessel Course: | 300 True |
| Vessel Speed: | 9.5 Knots |
| Steering Functional: | Fully |
| Propulsion Functional: | Fully |
| Fuel On Board: | |
| Cargo On Board: | |

| <u>Cargo Name</u> | <u>Quantity</u> |
|-------------------|-----------------|
|-------------------|-----------------|

| | |
|-------------------------|---|
| Additional Information: | SUBJ VSL allided w/the San Francisco Oakland Bay Bridge |
|-------------------------|---|

11/07/2007 16:33:00 (Known): SEC SF VTS BRIEFED CAL TRANS: ALLISION TO THE EAST SIDE OF THE DELTA TOWER OF THE OAKLAND BAY BRIDGE. REPORTED DAMAGE TO PILEINGS.

Action Class: Response Communication
Sub-Type: Briefing - Other Agency
Location:

Subject(s) and Details:

| <u>Name</u> | <u>Type</u> | <u>Status</u> | <u>Role</u> |
|---------------------|-------------|---------------|-------------|
| <no subject> | Other | | |
| Details Filed: None | | | |

11/07/2007 16:36:00 (Known): SCC issued an SMIB about the COSCO BUSAN making contact with the Bay Bridge. SMIB warned all vsls to keep a 100yrd distance from the vsl and to transit the area with caution. SMIB is to be issued every 15 minutes.

Action Class: Response Communication
Sub-Type:

Location:

Subject(s) and Details:

| <u>Name</u> | <u>Type</u> | <u>Status</u> | <u>Role</u> |
|---------------------|-------------|---------------|-------------|
| <no subject> | Other | | |
| Details Filed: None | | | |

11/07/2007 16:37:00 (Known): SU briefed ENS Hopper

Action Class: Response Communication

Sub-Type:

Location:

Subject(s) and Details:

| <u>Name</u> | <u>Type</u> | <u>Status</u> | <u>Role</u> |
|---------------------|-------------|---------------|-------------|
| <no subject> | Other | | |
| Details Filed: None | | | |

11/07/2007 16:40:00 (Known): SCC briefed Mr. Sulouff at D11

Action Class: Response Communication

Sub-Type: Briefing - District

Location:

Subject(s) and Details:

| <u>Name</u> | <u>Type</u> | <u>Status</u> | <u>Role</u> |
|---------------------|-------------|---------------|-------------|
| <no subject> | Other | | |
| Details Filed: None | | | |

11/07/2007 16:46:00 (Known): Briefed STA SF for launch to investigate damage to bridge and vessel

Action Class: Response Communication

Sub-Type: Briefing - SRU/Response Team

Location:

Subject(s) and Details:

| <u>Name</u> | <u>Type</u> | <u>Status</u> | <u>Role</u> |
|---------------------|-------------|---------------|-------------|
| <no subject> | Other | | |
| Details Filed: None | | | |

11/07/2007 16:48:00 (Known): PIER DEBRIS AND FUEL IN WATER DID NOT KNOW THE FULL EXTENT OF DAMAGE. RECOMMENDED CONTACT ARMY CORP OF ENGINEERS AND RESPOND TO DEBRIS IN WATER.

Action Class: Response Communication

Sub-Type: Briefing - Other Agency

Location:

Subject(s) and Details:

| <u>Name</u> | <u>Type</u> | <u>Status</u> | <u>Role</u> |
|--------------|-------------|---------------|-------------|
| <no subject> | Other | | |

Details Filed: None

11/07/2007 16:50:00 (Known): COSCO BUSAN RPTD TO VTS: ANCHORED IN ANCHORAGE 7.

Action Class: Resource Action
Sub-Type: Resource Diverted
Location:

Subject(s) and Details:

| <u>Name</u> | <u>Type</u> | <u>Status</u> | <u>Role</u> |
|-------------|-------------|---------------|----------------------------------|
| COSCO BUSAN | Vessel | | Acknowledged Pollution Source |

Details Filed: None

11/07/2007 16:50:00 (Known): SCC was notified by NRC (report # 853865) that there was oil in the water caused by the M/V Cosco Busan. IMD was briefed via phone.

Action Class: Response Communication
Sub-Type:
Location:

Subject(s) and Details:

| <u>Name</u> | <u>Type</u> | <u>Status</u> | <u>Role</u> |
|--------------|-------------|---------------|-------------|
| <no subject> | Other | | |

Details Filed: None

11/07/2007 16:50:00 (Known): Briefed IMD, MST2 Anderson will be departing to investigate spill

Action Class: Response Communication
Sub-Type:
Location:

Subject(s) and Details:

| <u>Name</u> | <u>Type</u> | <u>Status</u> | <u>Role</u> |
|--------------|-------------|---------------|-------------|
| <no subject> | Other | | |

Details Filed: None

11/07/2007 16:55:00 (Known): MR HOBURG (SF BARY PILOT UNIT: 37) STATED HE HAD RELIEVED CAPTAIN JOHN COTA (SF BAR PILOT UNIT: R).

Condition Class: Personnel Condition
Sub-Type: Person
Location:

Subject(s) and Details:

| <u>Name</u> | <u>Type</u> | <u>Status</u> | <u>Role</u> |
|------------------------|-------------|---------------|-------------------|
| COTA, JOHN | Party | | Responsible Party |
| Details Filed: None | | | |
| HOBURG, ELLSWORTH F | Party | | Watchstander |
| Details Filed: None | | | |

11/07/2007 16:59:00 (Known): VTS SF SENT SECURITE BCST TO INFORM VESSELS OF MINIMUM WAKE AROUND COSCO BUSAN IN ANC 7.

Action Class: Response Communication
Sub-Type: Issue Notice to Mariners
Location:

Subject(s) and Details:

| <u>Name</u> | <u>Type</u> | <u>Status</u> | <u>Role</u> |
|---------------------|-------------|---------------|-------------|
| <no subject> | Other | | |
| Details Filed: None | | | |

11/07/2007 17:05:00 (Known): VTS SF NTFD THE ACOE OF THE DEBRIS IN THE WATER SOUTH OF THE OAKLAND BAY BRIDGE.

Action Class: Response Communication
Sub-Type: Briefing - Other Agency
Location:

Subject(s) and Details:

| <u>Name</u> | <u>Type</u> | <u>Status</u> | <u>Role</u> |
|---------------------|-------------|---------------|-------------|
| <no subject> | Other | | |
| Details Filed: None | | | |

11/07/2007 17:10:00 (Known): TUB LYNN MARIE INFORMED VTS THAT THE TUG HAD SPOTTED FUEL AND DEBRIS FROM YERBA BUENA ISLAND TO THE ALPHA TOWER OF THE OAKLAND BAY BRIDGE.

Action Class: Response Communication
Sub-Type: Initial Notification
Location:

Subject(s) and Details:

| <u>Name</u> | <u>Type</u> | <u>Status</u> | <u>Role</u> |
|---------------------|-------------|---------------|---|
| LYNN MARIE | Vessel | | Transiting Vicinity of Primary Subject |
| Details Filed: None | | | |

11/07/2007 17:22:00 (Known): ACOE STATED THAT THEY WOULD SEND ASSESTS TO ASSIST IN DEBRIS CLEAN UP.

Action Class: Response Communication
Sub-Type: Briefing - Other Agency
Location:

Subject(s) and Details:

| <u>Name</u> | <u>Type</u> | <u>Status</u> | <u>Role</u> |
|--------------|-------------|---------------|-------------|
| <no subject> | Other | | |

Details Filed: None

11/07/2007 17:22:00 (Known): contacted agent who stated that OSRO had been notified

Action Class: Response Communication
Sub-Type:
Location:

Subject(s) and Details:

| <u>Name</u> | <u>Type</u> | <u>Status</u> | <u>Role</u> |
|--------------|-------------|---------------|-------------|
| <no subject> | Other | | |

Details Filed: None

11/07/2007 17:23:00 (Known): INQUIRED IF ANY OF THE OIL RESPONSE BOATS HAVE CHECKED IN FOR THE COSCO BUSAN. NO OIL RESPONSE VESSELS HAVE CHECKED IN AS OF YET. VTS QUERRIED THE PILOT ON FUEL LEAKAGE SITUATION. PILOT'S RESPONSE WAS THE SHIP'S CREW HAS SECURED THE FUEL SPILL.

Action Class: Response Communication
Sub-Type: Briefing - Other Agency
Location:

Subject(s) and Details:

| <u>Name</u> | <u>Type</u> | <u>Status</u> | <u>Role</u> |
|------------------------|-------------|---------------|--------------|
| HOBURG, ELLSWORTH F | Party | | Watchstander |

Details Filed: None

11/07/2007 17:30:00 (Known): conducted virtual brief

Action Class: Response Communication
Sub-Type:
Location:

Subject(s) and Details:

| <u>Name</u> | <u>Type</u> | <u>Status</u> | <u>Role</u> |
|--------------|-------------|---------------|-------------|
| <no subject> | Other | | |

Details Filed: None

11/07/2007 17:39:00 (Known): CAL TRANS RPTD TO VTS THAT INVESTIGATORS WERE ON SEEN TO CHECK THE STURCTURAL DAMGAE TO THE TOWER.

Action Class: Response Communication
Sub-Type: Briefing - Other Agency
Location:

Subject(s) and Details:

| <u>Name</u> | <u>Type</u> | <u>Status</u> | <u>Role</u> |
|--------------|-------------|---------------|-------------|
| <no subject> | Other | | |

Details Filed: None

11/07/2007 17:45:00 (Known): SCC initiated CIC; CIC request denied due to the issue being a local issue.

Action Class: Response Communication
Sub-Type:
Location:

Subject(s) and Details:

| <u>Name</u> | <u>Type</u> | <u>Status</u> | <u>Role</u> |
|--------------|-------------|---------------|-------------|
| <no subject> | Other | | |

Details Filed: None

11/07/2007 17:45:00 (Known): PO Anderson reports the sounding tube appears bent; resulting in uncertain information regarding fuel discharge.

Action Class: Response Communication
Sub-Type:
Location:

Subject(s) and Details:

| <u>Name</u> | <u>Type</u> | <u>Status</u> | <u>Role</u> |
|--------------|-------------|---------------|-------------|
| <no subject> | Other | | |

Details Filed: None

11/07/2007 17:54:00 (Known): COSCO BUSAN enr Anchoarage 9

Action Class: Response Communication
Sub-Type:
Location:

Subject(s) and Details:

| <u>Name</u> | <u>Type</u> | <u>Status</u> | <u>Role</u> |
|--------------|-------------|---------------|-------------|
| <no subject> | Other | | |

Details Filed: None

11/07/2007 17:54:00 (Known): REQUESTED TO SHIFT THE VESSEL TO ANCHORAGE 9 DUE TO DRAFT CONCERNS, THE VESSEL IS DRAWING 40'4" ANCHORAGE 7 IS NOT AN IDEAL ANCHORAGE FOR THE VESSEL. SEC SF SMC AUTHORIZED.

Action Class: Response Communication
Sub-Type: Briefing - SMC/IC
Location:

Subject(s) and Details:

| <u>Name</u> | <u>Type</u> | <u>Status</u> | <u>Role</u> |
|------------------------|-------------|---------------|--------------|
| HOBURG, ELLSWORTH F | Party | | Watchstander |
| Details Filed: None | | | |

11/07/2007 17:57:00 (Known): CGC Tern briefed for launch

Action Class: Response Communication
Sub-Type: Briefing - SRU/Response Team
Location:

Subject(s) and Details:

| <u>Name</u> | <u>Type</u> | <u>Status</u> | <u>Role</u> |
|---------------------|-------------|---------------|-------------|
| <no subject> | Other | | |
| Details Filed: None | | | |

11/07/2007 17:58:00 (Known): SEC SF VTS NOTIFIED VSL THAT VESSEL HAD TO MAINTAIN ATLEAST 1 NM DISTANCE FROM ANY ANCHORED VESSEL.

Action Class: Response Communication
Sub-Type: Briefing - SMC/IC
Location:

Subject(s) and Details:

| <u>Name</u> | <u>Type</u> | <u>Status</u> | <u>Role</u> |
|---------------------|-------------|---------------|----------------------------------|
| COSCO BUSAN | Vessel | | Acknowledged Pollution Source |
| Details Filed: None | | | |

11/07/2007 18:07:00 (Known): UNIT 37 ONBOARD THE COSCO BUSAN CONTACTED SEC SF VTS PREPARING TO DEPART ANCHORAGE 7 FOR ANCHORAGE 9.

Condition Class: Vessel Operation Status
Sub-Type:
Location:

Subject(s) and Details:

| <u>Name</u> | <u>Type</u> | <u>Status</u> | <u>Role</u> |
|------------------------|-------------|---------------|----------------------------------|
| HOBURG, ELLSWORTH F | Party | | Watchstander |
| Details Filed: None | | | |
| COSCO BUSAN | Vessel | | Acknowledged Pollution Source |
| Details Filed: None | | | |

11/07/2007 18:12:00 (Known): We received a call from Danny Herod at O'Briens stating that an OSRO Team is getting assembled.

Action Class: Response Communication
Sub-Type:
Location:

Subject(s) and Details:

| <u>Name</u> | <u>Type</u> | <u>Status</u> | <u>Role</u> |
|--------------|-------------|---------------|-------------|
| <no subject> | Other | | |

Details Filed: None

11/07/2007 18:22:00 (Known): CGC Tern assumes PATCOM

Action Class: Response Communication
Sub-Type:
Location:

Subject(s) and Details:

| <u>Name</u> | <u>Type</u> | <u>Status</u> | <u>Role</u> |
|--------------|-------------|---------------|-------------|
| <no subject> | Other | | |

Details Filed: None

11/07/2007 18:22:00 (Known): NOTIFIED THAT M/V COSCO BUSAN UNDERWAY FOR ANCHORAGE 9

Action Class: Response Communication
Sub-Type: Briefing - SMC/IC
Location:

Subject(s) and Details:

| <u>Name</u> | <u>Type</u> | <u>Status</u> | <u>Role</u> |
|--------------|-------------|---------------|-------------|
| <no subject> | Other | | |

Details Filed: None

11/07/2007 18:30:00 (Known): The O'Brien's Group notified the SCC that they are the Qualified Individual and will be coordinating the response for the spill. By 1830Z they had already dispatched MSRC, NRC to the scene with four boom boats and two skimmers. OES, Fish and Game, OSPR, and local stakeholders were contacted by SCC and Sector IMD. SCC dispatched PSC, I/O, and IMD team to the vessel to conduct survey and investigation.

Action Class: Response Communication
Sub-Type:
Location:

Subject(s) and Details:

| <u>Name</u> | <u>Type</u> | <u>Status</u> | <u>Role</u> |
|--------------|-------------|---------------|-------------|
| <no subject> | Other | | |

Details Filed: None

11/07/2007 19:14:00 (Known): VESSEL ANCHORED IN ANCHORAGE 9.

Action Class: Response Communication

Sub-Type:

Location:

Subject(s) and Details:

| <u>Name</u> | <u>Type</u> | <u>Status</u> | <u>Role</u> |
|-------------|-------------|---------------|----------------------------------|
| COSCO BUSAN | Vessel | | Acknowledged Pollution Source |

Details Filed: None

11/07/2007 20:00:00 (Known): Sector stood up Unified Command at YBI. IMD dispatched SCAT teams to conduct shoreline assessment throughout the afternoon. MSST boats were dispatched to conduct safety zone around the vessel, and enforce the security zone around the bridge abutments

Action Class: Response Communication

Sub-Type:

Location:

Subject(s) and Details:

| <u>Name</u> | <u>Type</u> | <u>Status</u> | <u>Role</u> |
|--------------|-------------|---------------|-------------|
| <no subject> | Other | | |

Details Filed: None

11/07/2007 21:04:00 (Known): Briefed ASSF for launch

Action Class: Response Communication

Sub-Type: Briefing - SRU/Response Team

Location:

Subject(s) and Details:

| <u>Name</u> | <u>Type</u> | <u>Status</u> | <u>Role</u> |
|--------------|-------------|---------------|-------------|
| <no subject> | Other | | |

Details Filed: None

11/07/2007 22:55:00 (Known): ASSF HELO 6516 has experienced a flight casualty and will not be able to land at the confined space at YBI. Directed to RTB.

Action Class: Response Communication

Sub-Type: Briefing - SRU/Response Team

Location:

Subject(s) and Details:

| <u>Name</u> | <u>Type</u> | <u>Status</u> | <u>Role</u> |
|--------------|-------------|---------------|-------------|
| <no subject> | Other | | |

Details Filed: None

11/07/2007 23:18:00 (Known): STA SF UTB has a 10min ETA.

Action Class: Response Communication
Sub-Type: Briefing - SRU/Response Team
Location:

Subject(s) and Details:

| <u>Name</u> | <u>Type</u> | <u>Status</u> | <u>Role</u> |
|--------------|-------------|---------------|-------------|
| <no subject> | Other | | |

Details Filed: None

11/07/2007 23:37:00 (Known): SCC Updated SMIB to warn mariners to keep a lookout for various amounts of oil and diesel in the water.

Action Class: Response Communication
Sub-Type:
Location:

Subject(s) and Details:

| <u>Name</u> | <u>Type</u> | <u>Status</u> | <u>Role</u> |
|--------------|-------------|---------------|-------------|
| <no subject> | Other | | |

Details Filed: None

11/08/2007 0:00:00 (Known): Issued COTP Order # 07-074.

Action Class: Response Communication
Sub-Type:
Location:

Subject(s) and Details:

| <u>Name</u> | <u>Type</u> | <u>Status</u> | <u>Role</u> |
|--------------|-------------|---------------|-------------|
| <no subject> | Other | | |

Details Filed: None

11/08/2007 0:03:00 (Known): STA GG Reports NPS is closing their beaches effected by the oil spill. D11 Notified.

Action Class: Response Communication
Sub-Type:
Location:

Subject(s) and Details:

| <u>Name</u> | <u>Type</u> | <u>Status</u> | <u>Role</u> |
|--------------|-------------|---------------|-------------|
| <no subject> | Other | | |

Details Filed: None

11/08/2007 0:21:00 (Known): Briefed D11 about NPS plans to close beaches

Action Class: Response Communication
Sub-Type:
Location:

Subject(s) and Details:

| <u>Name</u> | <u>Type</u> | <u>Status</u> | <u>Role</u> |
|---------------------|-------------|---------------|-------------|
| <no subject> | Other | | |
| Details Filed: None | | | |

11/08/2007 2:02:00 (Known): VTS SF IRO COTP ORDER 07-074 - COSCO BUSAN to remain in ANC 9 until order is adjusted or rescinded and damage assessment required by VSL's classification society.

Action Class: Response Communication
Sub-Type: Briefing - SMC/IC
Location:

Subject(s) and Details:

| <u>Name</u> | <u>Type</u> | <u>Status</u> | <u>Role</u> |
|---------------------|-------------|---------------|----------------------------------|
| COSCO BUSAN | Vessel | | Acknowledged Pollution Source |
| Details Filed: None | | | |

11/08/2007 16:28:00 (Known): CG6516 A/B for overflight

Action Class: Response Communication
Sub-Type:
Location:

Subject(s) and Details:

| <u>Name</u> | <u>Type</u> | <u>Status</u> | <u>Role</u> |
|---------------------|-------------|---------------|-------------|
| <no subject> | Other | | |
| Details Filed: None | | | |

11/08/2007 17:58:00 (Known): Briefed ASSF for 2nd overflight

Action Class: Response Communication
Sub-Type:
Location:

Subject(s) and Details:

| <u>Name</u> | <u>Type</u> | <u>Status</u> | <u>Role</u> |
|---------------------|-------------|---------------|-------------|
| <no subject> | Other | | |
| Details Filed: None | | | |

11/08/2007 19:15:00 (Known): SCC ntfd D11 of the request for support from the Pacific Strike Team

Action Class: Response Communication

Sub-Type:

Location:

Subject(s) and Details:

| <u>Name</u> | <u>Type</u> | <u>Status</u> | <u>Role</u> |
|--------------|-------------|---------------|-------------|
| <no subject> | Other | | |

Details Filed: None

11/08/2007 19:40:00 (Known): ASSF picked up SEC SF CO for overflight

Action Class: Response Communication

Sub-Type:

Location:

Subject(s) and Details:

| <u>Name</u> | <u>Type</u> | <u>Status</u> | <u>Role</u> |
|--------------|-------------|---------------|-------------|
| <no subject> | Other | | |

Details Filed: None

11/08/2007 20:00:00 (Known): SCC ntfd D11 of the incident command post contact numbers

Action Class: Response Communication

Sub-Type:

Location:

Subject(s) and Details:

| <u>Name</u> | <u>Type</u> | <u>Status</u> | <u>Role</u> |
|--------------|-------------|---------------|-------------|
| <no subject> | Other | | |

Details Filed: None

11/09/2007 4:05:00 (Known): VTS SF IRO COTP ORDER 07-074 Ammendment 01 for COSCO BUSAN. VSL is permitted to depart ANC 9 for OAK 56. VSL required to have 02 tug escort, minimize list while offloading cargo, shall not depart until COTP SF approves repair proposal.

Action Class: Impose Operational Control

Sub-Type: COTP Order

Location:

Subject(s) and Details:

| <u>Name</u> | <u>Type</u> | <u>Status</u> | <u>Role</u> |
|-------------|-------------|---------------|----------------------------------|
| COSCO BUSAN | Vessel | | Acknowledged Pollution Source |

Details Filed: None

11/10/2007 2:00:00 (Known): Unit 18 A/B M/V COSCO BUSAN RPTS preparing to depart ANC 9 for OAK 56 IAW COTP Order 07-074.

Condition Class: Vessel Operation Status

Sub-Type:

Location:

Subject(s) and Details:

| <u>Name</u> | <u>Type</u> | <u>Status</u> | <u>Role</u> |
|---------------------|-------------|---------------|----------------------------------|
| KELSO, ARNOLD | Party | | Watchstander |
| Details Filed: None | | | |
| COSCO BUSAN | Vessel | | Acknowledged Pollution Source |
| Details Filed: None | | | |

11/10/2007 5:56:00 (Known): SF Bar Pilot unit 18 RPTS SUBJ VSL moored Hanjin Terminal Berth 56, Oakland CA.

Condition Class: Vessel Operation Status

Sub-Type:

Location:

Subject(s) and Details:

| <u>Name</u> | <u>Type</u> | <u>Status</u> | <u>Role</u> |
|---------------------|-------------|---------------|----------------------------------|
| KELSO, ARNOLD | Party | | Watchstander |
| Details Filed: None | | | |
| COSCO BUSAN | Vessel | | Acknowledged Pollution Source |
| Details Filed: None | | | |

11/11/2007 0:28:00 (Known): Incident Management Activity 3094631 - Final Review Conducted by OSC G. Flesher (SEC SF - VTS).

Action Class: Conduct Activity

Sub-Type:

Location:

Subject(s) and Details:

| <u>Name</u> | <u>Type</u> | <u>Status</u> | <u>Role</u> |
|---------------------|-------------|---------------|-------------|
| <no subject> | Other | | |
| Details Filed: None | | | |

Print for Activity: 3094822

Case Title: MS Allision/ 37 46. N 122 18. W/071630ZNOV07

Case Number: 381733 Activity Number: 3094822

| Date/Time | Subject(s) | Entered By |
|--------------|--------------|-----------------|
| 071630ZNOV07 | <no subject> | Cooper, Drew P. |

Message

Initial Notification - SF BAR PILOT UNIT R WAS PILOTING THE M/V COSCO BUSAN UNDER THE OAKLAND BAY BRIDGE AND STUCK THE DELTA TOWER OF THE BRIDGE.

| Date/Time | Subject(s) | Entered By |
|--------------|--------------|-------------------|
| 071630ZNOV07 | <no subject> | NAGLE, RUSSELL P. |

Message

SCC rcvd rpt from VTS stating that the M/V Cosco Busan had struck the delta tower of the bay bridge while transiting outbound from Oakland. The vs1 is now at anchorage 7. VTS reports they will contact CALTRANS

| Date/Time | Subject(s) | Entered By |
|--------------|----------------------------|------------------|
| 071631ZNOV07 | COSCO BUSAN; COTA, JOHN A. | Flesher, Gabriel |

Message

| Date/Time | Subject(s) | Entered By |
|--------------|--------------|-----------------|
| 071633ZNOV07 | <no subject> | Cooper, Drew P. |

Message

SEC SF VTS BRIEFED CAL TRANS: ALLISION TO THE EAST SIDE OF THE DELTA TOWER OF THE OAKLAND BAY BRIDGE. REPORTED DAMAGE TO PILEINGS.

| Date/Time | Subject(s) | Entered By |
|--------------|--------------|-------------------|
| 071636ZNOV07 | <no subject> | NAGLE, RUSSELL P. |

Message

SCC issued an SMIB about the COSCO BUSAN making contact with the Bay Bridge. SMIB warned all vs1s to keep a 100yrd distance from the vs1 and to transit the area with caution. SMIB is to be issued every 15 minutes.

| Date/Time | Subject(s) | Entered By |
|--------------|--------------|-------------------|
| 071637ZNOV07 | <no subject> | NAGLE, RUSSELL P. |

Message

SU briefed ENS Hopper

| Date/Time | Subject(s) | Entered By |
|--------------|--------------|-------------------|
| 071640ZNOV07 | <no subject> | NAGLE, RUSSELL P. |

Message

SCC briefed Mr. Sulouff at D11

| Date/Time | Subject(s) | Entered By |
|--------------|--------------|-------------------|
| 071646ZNOV07 | <no subject> | NAGLE, RUSSELL P. |

Message

Briefed STA SF for launch to investigate damage to bridge and vessel

| Date/Time | Subject(s) | Entered By |
|--------------|--------------|-----------------|
| 071648ZNOV07 | <no subject> | Cooper, Drew P. |

Message

PIER DEBRIS AND FUEL IN WATER DID NOT KNOW THE FULL EXTENT OF DAMAGE. RECOMMENDED CONTACT ARMY CORP OF ENGINEERS AND RESPOND TO DEBRIS IN WATER.

| Date/Time | Subject(s) | Entered By |
|--------------|-------------|-----------------|
| 071650ZNOV07 | COSCO BUSAN | Cooper, Drew P. |

Message

COSCO BUSAN RPTD TO VTS: ANCHORED IN ANCHORAGE 7.

| Date/Time | Subject(s) | Entered By |
|-----------|------------|------------|
|-----------|------------|------------|

071650ZNOV07 <no subject> NAGLE, RUSSELL P.

Message

Briefed IMD, MST2 Anderson will be departing to investigate spill

| Date/Time | Subject(s) | Entered By |
|--------------|--------------|--------------------|
| 071650ZNOV07 | <no subject> | bidowski, andrea . |

Message

SCC was notified by NRC (report # 853865) that there was oil in the water caused by the M/V Cosco Busan. IMD was briefed via phone.

| Date/Time | Subject(s) | Entered By |
|--------------|---------------------------------|-----------------|
| 071655ZNOV07 | COTA, JOHN; HOBURG, ELLSWORTH F | Cooper, Drew P. |

Message

MR HOBURG (SF BARY PILOT UNIT: 37) STATED HE HAD RELIEVED CAPTAIN JOHN COTA (SF BAR PILOT UNIT: R).

| Date/Time | Subject(s) | Entered By |
|--------------|--------------|-----------------|
| 071659ZNOV07 | <no subject> | Cooper, Drew P. |

Message

VTS SF SENT SECURITE BCST TO INFORM VESSELS OF MINIMUM WAKE AROUND COSCO BUSAN IN ANC 7.

| Date/Time | Subject(s) | Entered By |
|--------------|-------------|---------------|
| 071704ZNOV07 | UTB - 41392 | Boyd, Ryan E. |

Message

Response Resource Requested

| Date/Time | Subject(s) | Entered By |
|--------------|-------------|---------------|
| 071704ZNOV07 | UTB - 41392 | Boyd, Ryan E. |

Message

UTB - 41392 USCG - CG STA SAN FRANCISCO Launched

| Date/Time | Subject(s) | Entered By |
|--------------|--------------|-----------------|
| 071705ZNOV07 | <no subject> | Cooper, Drew P. |

Message

VTS SF NTFD THE ACOE OF THE DEBRIS IN THE WATER SOUTH OF THE OAKLAND BAY BRIDGE.

| Date/Time | Subject(s) | Entered By |
|--------------|------------|-----------------|
| 071710ZNOV07 | LYNN MARIE | Cooper, Drew P. |

Message

TUB LYNN MARIE INFORMED VTS THAT THE TUG HAD SPOTTED FUEL AND DEBRIS FROM YERBA BUENA ISLAND TO THE ALPHA TOWER OF THE OAKLAND BAY BRIDGE.

| Date/Time | Subject(s) | Entered By |
|--------------|-------------|---------------|
| 071713ZNOV07 | UTB - 41392 | Boyd, Ryan E. |

Message

UTB - 41392 USCG - CG STA SAN FRANCISCO On Scene at 071713Z NOV 07

| Date/Time | Subject(s) | Entered By |
|--------------|-------------|---------------|
| 071713ZNOV07 | UTB - 41392 | Boyd, Ryan E. |

Message

Target Located at 071713Z NOV 07

| Date/Time | Subject(s) | Entered By |
|--------------|-------------|---------------|
| 071713ZNOV07 | UTB - 41392 | Boyd, Ryan E. |

Message

UTB - 41392 USCG - CG STA SAN FRANCISCO Alongside

| Date/Time | Subject(s) | Entered By |
|--------------|--------------|-----------------|
| 071722ZNOV07 | <no subject> | Cooper, Drew P. |

Message

ACOE STATED THAT THEY WOULD SEND ASSETS TO ASSIST IN DEBRIS CLEAN UP.

| Date/Time | Subject(s) | Entered By |
|-----------|------------|------------|
|-----------|------------|------------|

071722ZNOV07 <no subject>

NAGLE, RUSSELL P.

Message

contacted agent who stated that OSRO had been notified

Date/Time **Subject(s)**
071723ZNOV07 HOBURG, ELLSWORTH F

Entered By
Cooper, Drew P.

Message

INQUIRED IF ANY OF THE OIL RESPONSE BOATS HAVE CHECKED IN FOR THE COSCO BUSAN. NO OIL RESPONSE VESSELS HAVE CHECKED IN AS OF YET. VTS QUERRIED THE PILOT ON FUEL LEAKAGE SITUATION. PILOT'S RESPONSE WAS THE SHIP'S CREW HAS SECURED THE FUEL SPILL.

Date/Time **Subject(s)**
071730ZNOV07 <no subject>

Entered By
NAGLE, RUSSELL P.

Message

conducted virtual brief

Date/Time **Subject(s)**
071739ZNOV07 <no subject>

Entered By
Cooper, Drew P.

Message

CAL TRANS RPTD TO VTS THAT INVESTIGATORS WERE ON SEEN TO CHECK THE STURCTURAL DAMGAE TO THE TOWER.

Date/Time **Subject(s)**
071745ZNOV07 <no subject>

Entered By
NAGLE, RUSSELL P.

Message

SCC initiated CIC; CIC request denied due to the issue being a local issue.

Date/Time **Subject(s)**
071745ZNOV07 <no subject>

Entered By
NAGLE, RUSSELL P.

Message

PO Anderson reports the sounding tube appears bent; resulting in uncertain information regarding fuel discharge.

Date/Time **Subject(s)**
071754ZNOV07 HOBURG, ELLSWORTH F

Entered By
Cooper, Drew P.

Message

REQUESTED TO SHIFT THE VESSEL TO ANCHORAGE 9 DUE TO DRAFT CONCERNS, THE VESSEL IS DRAWING 40'4" ANCHORAGE 7 IS NOT AN IDEAL ANCHORAGE FOR THE VESSEL. SEC SF SMC AUTHORIZED.

Date/Time **Subject(s)**
071754ZNOV07 <no subject>

Entered By
NAGLE, RUSSELL P.

Message

COSCO BUSAN enr Anchoarage 9

Date/Time **Subject(s)**
071757ZNOV07 <no subject>

Entered By
NAGLE, RUSSELL P.

Message

CGC Tern briefed for launch

Date/Time **Subject(s)**
071758ZNOV07 COSCO BUSAN

Entered By
Cooper, Drew P.

Message

SEC SF VTS NOTIFIED VSL THAT VESSEL HAD TO MAINTAIN ATLEAST 1 NM DISTANCE FROM ANY ANCHORED VESSEL.

Date/Time **Subject(s)**
071807ZNOV07 COSCO BUSAN; HOBURG, ELLSWORTH F

Entered By
Cooper, Drew P.

Message

UNIT 37 ONBOARD THE COSCO BUSAN CONTACTED SEC SF VTS PREPARING TO DEPART ANCHORAGE 7 FOR ANCHORAGE 9.

Date/Time **Subject(s)**
071812ZNOV07 <no subject>

Entered By
bidowski, andrea .

Message

We received a call from Danny Herod at O'Briens stating that an OSRO Team is getting assembled.

Date/Time **Subject(s)**
071817ZNOV07 RBS - 25501

Entered By
Boyd, Ryan E.

Message

Response Resource Requested

Date/Time **Subject(s)**
071817ZNOV07 RBS - 25501

Entered By
Boyd, Ryan E.

Message

RBS - 25501 USCG - CG STA SAN FRANCISCO Launched

Date/Time **Subject(s)**
071822ZNOV07 <no subject>

Entered By
Cooper, Drew P.

Message

NOTIFIED THAT M/V COSCO BUSAN UNDERWAY FOR ANCHORAGE 9

Date/Time **Subject(s)**
071822ZNOV07 <no subject>

Entered By
NAGLE, RUSSELL P.

Message

CGC Tern assumes PATCOM

Date/Time **Subject(s)**
071825ZNOV07 RBS - 25501

Entered By
Boyd, Ryan E.

Message

RBS - 25501 USCG - CG STA SAN FRANCISCO On Scene at 071825Z NOV 07

Date/Time **Subject(s)**
071825ZNOV07 RBS - 25501

Entered By
Boyd, Ryan E.

Message

Target Located at 071825Z NOV 07

Date/Time **Subject(s)**
071825ZNOV07 RBS - 25501

Entered By
Boyd, Ryan E.

Message

RBS - 25501 USCG - CG STA SAN FRANCISCO Alongside

Date/Time **Subject(s)**
071830ZNOV07 <no subject>

Entered By
NAGLE, RUSSELL P.

Message

The O'Brien's Group notified the SCC that they are the Qualified Individual and will be coordinating the response for the spill. By 1830Z they had already dispatched MSRC, NRC to the scene with four boom boats and two skimmers. OES, Fish and Game, OSPR, and local stakeholders were contacted by SCC and Sector IMD. SCC dispatched PSC, I/O, and IMD team to the vessel to conduct survey and investigation.

Date/Time **Subject(s)**
071914ZNOV07 COSCO BUSAN

Entered By
Cooper, Drew P.

Message

VESSEL ANCHORED IN ANCHORAGE 9.

Date/Time **Subject(s)**
072000ZNOV07 <no subject>

Entered By
NAGLE, RUSSELL P.

Message

Sector stood up Unified Command at YBI. IMD dispatched SCAT teams to conduct shoreline assessment throughout the afternoon. MSST boats were dispatched to conduct safety zone around the vessel, and enforce the security zone around the bridge abutments

Date/Time **Subject(s)**
072007ZNOV07 UTB - 41392

Entered By
Boyd, Ryan E.

Message

UTB - 41392 USCG - CG STA SAN FRANCISCO Departed Scene

| | | |
|--|-----------------------------------|--|
| Date/Time 072010ZNOV07 | Subject(s) UTB - 41392 | Entered By Boyd, Ryan E. |
| Message UTB - 41392 USCG - CG STA SAN FRANCISCO Sortie Ended | | |
| Date/Time 072104ZNOV07 | Subject(s) <no subject> | Entered By NAGLE, RUSSELL P. |
| Message Briefed ASSF for launch | | |
| Date/Time 072110ZNOV07 | Subject(s) RBS - 25406 | Entered By Boyd, Ryan E. |
| Message Response Resource Requested | | |
| Date/Time 072110ZNOV07 | Subject(s) RBS - 25406 | Entered By Boyd, Ryan E. |
| Message RBS - 25406 USCG - CG STA SAN FRANCISCO Launched | | |
| Date/Time 072120ZNOV07 | Subject(s) RBS - 25406 | Entered By Boyd, Ryan E. |
| Message RBS - 25406 USCG - CG STA SAN FRANCISCO On Scene at 072120Z NOV 07 | | |
| Date/Time 072120ZNOV07 | Subject(s) RBS - 25406 | Entered By Boyd, Ryan E. |
| Message Target Located at 072120Z NOV 07 | | |
| Date/Time 072120ZNOV07 | Subject(s) RBS - 25406 | Entered By Boyd, Ryan E. |
| Message RBS - 25406 USCG - CG STA SAN FRANCISCO Alongside | | |
| Date/Time 072130ZNOV07 | Subject(s) RBS - 25406 | Entered By Boyd, Ryan E. |
| Message RBS - 25406 USCG - CG STA SAN FRANCISCO Departed Scene | | |
| Date/Time 072138ZNOV07 | Subject(s) RBS - 25406 | Entered By Boyd, Ryan E. |
| Message RBS - 25406 USCG - CG STA SAN FRANCISCO Sortie Ended | | |
| Date/Time 072204ZNOV07 | Subject(s) RBS - 25501 | Entered By Boyd, Ryan E. |
| Message RBS - 25501 USCG - CG STA SAN FRANCISCO Departed Scene | | |
| Date/Time 072241ZNOV07 | Subject(s) UTB - 41392 | Entered By housey, keith m. |
| Message Response Resource Requested | | |
| Date/Time 072241ZNOV07 | Subject(s) UTB - 41392 | Entered By housey, keith m. |
| Message UTB - 41392 USCG - CG STA SAN FRANCISCO Launched | | |
| Date/Time 072255ZNOV07 | Subject(s) <no subject> | Entered By NAGLE, RUSSELL P. |

Message

ASSF HELO 6516 has experienced a flight casualty and will not be able to land at the confined space at YBI. Directed to RTB.

Date/Time **Subject(s)**
072318ZNOV07 <no subject>

Entered By
NAGLE, RUSSELL P.

Message

STA SF UTB has a 10min ETA.

Date/Time **Subject(s)**
072333ZNOV07 UTB - 41392

Entered By
housey, keith m.

Message

UTB - 41392 USCG - CG STA SAN FRANCISCO On Scene at 072333Z NOV 07

Date/Time **Subject(s)**
072337ZNOV07 <no subject>

Entered By
NAGLE, RUSSELL P.

Message

SCC Updated SMIB to warn mariners to keep a lookout for various amounts of oil and diesel in the water.

Date/Time **Subject(s)**
080000ZNOV07 <no subject>

Entered By
bidowski, andrea .

Message

Issued COTP Order # 07-074.

Date/Time **Subject(s)**
080003ZNOV07 <no subject>

Entered By
NAGLE, RUSSELL P.

Message

STA GG Reports NPS is closing their beaches effected by the oil spill. D11 Notified.

Date/Time **Subject(s)**
080021ZNOV07 <no subject>

Entered By
NAGLE, RUSSELL P.

Message

Briefed D11 about NPS plans to close beaches

Date/Time **Subject(s)**
080121ZNOV07 UTB - 41392

Entered By
housey, keith m.

Message

UTB - 41392 USCG - CG STA SAN FRANCISCO Sortie Ended

Date/Time **Subject(s)**
080202ZNOV07 COSCO BUSAN
A.

Entered By
Fletcher, Gabriel

Message

VTS SF IRO COTP ORDER 07-074 - COSCO BUSAN to remain in ANC 9 until order is adjusted or rescinded and damage assessment required by VSL's classification society.

Date/Time **Subject(s)**
081628ZNOV07 <no subject>

Entered By
NAGLE, RUSSELL P.

Message

CG6516 A/B for overflight

Date/Time **Subject(s)**
081758ZNOV07 <no subject>

Entered By
NAGLE, RUSSELL P.

Message

Briefed ASSF for 2nd overflight

Date/Time **Subject(s)**
081915ZNOV07 <no subject>

Entered By
NAGLE, RUSSELL P.

Message

SCC ntfd D11 of the request for support from the Pacific Strike Team

Date/Time **Subject(s)**
081940ZNOV07 <no subject>

Entered By
NAGLE, RUSSELL P.

Message

ASSF picked up SEC SF CO for overflight

Date/Time **Subject(s)**
082000ZNOV07 <no subject>

Entered By
NAGLE, RUSSELL P.

Message

SCC ntfd D11 of the incident command post contact numbers

Date/Time **Subject(s)**
082214ZNOV07 RBS - 25501

Entered By
Boyd, Ryan E.

Message

RBS - 25501 USCG - CG STA SAN FRANCISCO Sortie Ended

Date/Time **Subject(s)**
090405ZNOV07 COSCO BUSAN
A.

Entered By
Flesher, Gabriel

Message

VTS SF IRO COTP ORDER 07-074 Ammendment 01 for COSCO BUSAN. VSL is permitted to depart ANC 9 for OAK 56. VSL required to have 02 tug escort, minimize list while offloading cargo, shall not depart until COTP SF approves repair proposal.

Date/Time **Subject(s)**
100200ZNOV07 COSCO BUSAN; KELSO, ARNOLD
A.

Entered By
Flesher, Gabriel

Message

Unit 18 A/B M/V COSCO BUSAN RPTS preparing to depart ANC 9 for OAK 56 IAW COTP Order 07-074.

Date/Time **Subject(s)**
100534ZNOV07 <no subject>

Entered By
Grant, Luke J.

Message

100030R - PACAREA - D11 - SEC SAN FRAN - M/V COSCO BUSAN - UPDATE - First light overflights were conducted to determine/assess which areas needed to be skimmed. Eleven skimmers have been actively skimming areas within the affected counties of San Francisco, Marin, Alameda, and Contra Costa. A total of 38,200 feet of boom has been set in these counties with emphasis on 10 known environmentally sensitive sites. Weather conditions continue to promote effective skimming ops inside and outside of the Golden Gate. To date, 8000 to 9500 gallons of product have been recovered. During the last 12 hours, approximately 11,000 gallons of oily water mixture was recovered. Twenty-four shoreline contractor cleanup teams have been employed/assigned at the 22 affected beaches. Seven cubic yards of oily solid material have been collected from impacted beaches. Five Shoreline Cleanup Assessment Teams have been organized and deployed to assess shoreline conditions and provide cleanup recommendations. To date, 94 birds were oiled and are being treated. 28 birds have died. Vessel has safely shifted from Anchorage 9 to Oakland Berth 56. The COTP has detained the vessel under the International Safety Management (ISM) code. Case Pends. V/r, LTJG Grant, LANT/D5 MHLS Watch

Date/Time **Subject(s)**
100556ZNOV07 COSCO BUSAN; KELSO, ARNOLD
A.

Entered By
Flesher, Gabriel

Message

SF Bar Pilot unit 18 RPTS SUBJ VSL moored Hanjin Terminal Berth 56, Oakland CA.

Date/Time **Subject(s)**
110028ZNOV07 <no subject>
A.

Entered By
Flesher, Gabriel

Message

Incident Management Activety 3094631 - Final Review Conducted by OSC G. Flesher (SEC SF - VTS).

Print for Activity: 3095030

Sequence of Events.

11/07/2007 16:30:00 to 11/07/2007 16:30:00 (Estimated): Initial Notification - SF BAR PILOT UNIT 9 WAS PILOTING THE M/V COSCO BUSAN UNDER THE OAKLAND BAY BRIDGE AND STUCK THE DELTA TOWER OF THE BRIDGE.

Action Type: Other Actions - Reporting/Notifications
Action Class: Report/Notification of Casualty or Incident
Location: Known; US Waters
Description: Incident Location
Latitude: 37 46.0 N Longitude: 122 18.0 W

Subject(s) and Details:

| <u>Name</u> | <u>Type</u> | <u>Status</u> | <u>Role</u> |
|-------------|-------------|---------------|-------------|
| Cota, John | Party | Not at Risk | Other |

Details Filed: Notification

Incident Detail/Location

| | |
|--------------------------------|--------------------------------|
| Incident Type: | MS: Allision |
| Incident Date/Time: | 11/07/2007 4:30:00 PM |
| Notification Method: | VHF/FM (other than Channel 16) |
| Date/Time Notified: | 11/07/2007 4:30:00 PM |
| Specific Notification Problem: | No |

Incident Location:

| | |
|--------------------------------|------------|
| Address: | |
| City, St, Zip: | , |
| Province/Country: | / |
| Latitude: | 37 46.0 N |
| Longitude: | 122 18.0 W |
| General Location/Affected Area | |

Reporting Party

| | |
|-------------------|-----------|
| Name: | John Cota |
| Callback Phone: | |
| Cell Phone: | |
| Location: | |
| Address: | |
| City, ST, Zip: | , |
| Province/Country: | / |
| Facility Name: | |
| Organization: | |
| Latitude: | 0 |
| Longitude: | 0 |
| General Location: | |

Involved Subjects

Incident Description

SF BAR PILOT UNIT 9 WAS PILOTING THE M/V COSCO BUSAN UNDER THE OAKLAND BAY BRIDGE AND STUCK THE DELTA TOWER OF THE BRIDGE.

M/V COSCO
BUSAN/ALLISION/POLLUTIONON
11/07/2007

MISLE ACTIVITY NUMBER: 3095030

ORIGINATING UNIT: SECTOR SAN FRANCISCO

MISLE ACTIVITY OWNER: SECTOR SAN FRANCISCO

MISLE ACTIVITY CONTROLLER: SECTOR SAN FRANCISCO

MISLE CASE NUMBER: 381733

I. INCIDENT BRIEF

On November 7, 2007 at approximately 0830 local time, the M/V COSCO BUSAN was transiting under the San Francisco-Oakland Bay Bridge during its outbound transit to sea and allided with the Delta Tower of the bridge on its port bow. The allision severely damaged the hull, allowing oil to discharge into San Francisco Bay. The vessel changed course and proceeded to anchorage to await further survey and investigation.

II. EXECUTIVE SUMMARY

Incident Summary

On November 7, 2007 at approximately 0830 local time, the M/V COSCO BUSAN was transiting under the San Francisco-Oakland Bay Bridge during its outbound transit to sea and allided with the Delta Tower of the bridge on its port bow. The allision severely damaged the hull, allowing oil to discharge into San Francisco Bay. The vessel changed course and proceeded to anchorage to await further survey and investigation.

Incident Involved: Marine Casualty, Reportable
Discharge of Oil

This incident resulted in a discharge or substantial threat of discharge of oil. This report does not limit the discretion of the Director, NPFC, to determine facts, rights and liabilities with respect to any claims, submitted to or by the NPFC, for removal costs and damages under the Oil Pollution Act of 1990.

Level of Investigation: Formal
IMO Classification: Serious Incident
USCG Classification: Major Marine Casualty
Was this a Serious Marine Incident? Yes
Was a Marine Board Convened by Commandant? No

Personnel Casualty Summary

Total Missing = 0
Total Dead = 0
Total Injured = 0
Total at Risk, Not Injured = 0
Total People at Risk = 0
Other Personnel (Not at Risk) = 24

Vessel(s) Status Summary

Actual Total Loss(es) = 0
Total Constructive Loss, Salvaged = 0
Total Constructive Loss, Unsalvaged = 0
Damaged = 1
Undamaged = 0

Property Damage Summary/Total Damage

Vessel(s) = \$
Cargo = \$
Facility(s) = \$
Other = \$

* Includes estimates

Waterway Mobility Summary

Vessel Delays (including speed restrictions): None

III. ACTIONS IN RESPONSE TO THIS REPORT

Actions on Recommendations

Safety Alerts

IV. FINDINGS OF FACT

Subjects of the Investigation

Vessels. The following vessels were subjects of this investigation. Particulars for each vessel follow.

| | |
|---|--|
| Vessel Name: | COSCO BUSAN |
| Flag: | HONG KONG |
| Vessel Identification Number: | 9231743 |
| Call Sign: | DPSQ |
| Status: | Damaged |
| Role: | Involved in a Marine Casualty |
| Vessel Class, Type, Sub-Type: | General Dry Cargo Ship, Container Ship, General |
| Gross Tonnage(GRT): | |
| Net Tonnage(NRT): | |
| Deadweight Tons: | 68086 |
| Length: | 901.2 |
| Home/Hailing Port: | HAMBURG, GERMANY |
| Keel Laid Date: | |
| Delivery Date: | 12/18/2001 |
| Place of Construction: | |
| Builder Name: | |
| Propulsion: | Diesel Direct |
| Horsepower: | 77600 |
| Master: | |
| Classification Society: | GERMANISCHER LLOYD |
| Owner: | REGAL Stone LTD Rm 1603, 16th Floor, MassMutual Tower 38 Gloucester Rd Wanchai, , HK |
| Operator: | |
| Inspection Subchapter: | |
| Most Recent Vessel Inspection Activity: | |

Facilities. The following facilities were subjects of this investigation. Particulars for each facility follow.

Parties and Organizations. The following people and organizations were subjects of this investigation.

| | |
|------------|-------------|
| Cota, John | |
| Status: | Not at Risk |
| Role: | Other |

Gender:
Age:
SSN:
Birth Date:
Email Address:
Phone Number():
Address():
Comments:

Drug and Alcohol Testing. The following people have been determined by the Coast Guard, Law Enforcement Personnel, and/or the Marine Employer to have been directly involved in a Serious Marine Incident as defined in 46 CFR 4.03-2:

Response Resources. The following incident response resources were subjects of this investigation.

Resource Name: RBS - 25406
Resource ID: 25406
Kind: Vessels
Sub-Kind: SAR/Law Enforcement Vessel
Type:

Resource Name: RBS - 25501
Resource ID: 25501
Kind: Vessels
Sub-Kind: SAR/Law Enforcement Vessel
Type:

Resource Name: UTB - 41392
Resource ID: 41392
Kind: Vessels
Sub-Kind: SAR/Law Enforcement Vessel
Type:

Resource Name: UTB - 41392
Resource ID: 41392
Kind: Vessels
Sub-Kind: SAR/Law Enforcement Vessel
Type:

Other Subjects. The following were subjects of this investigation.

Waterway Segment(s). The following waterway segment(s) were subjects of this investigation.

Incident Information

Location(s).

| <u>Description</u> | <u>Latitude</u> | <u>Longitude</u> |
|--------------------|-----------------|------------------|
| Incident Location | 37 46.0 N | 122 18.0 W |

Sequence of Events.

11/07/2007 16:30:00 to 11/07/2007 16:30:00 (Estimated): Initial Notification - SF BAR PILOT UNIT 9 WAS PILOTING THE M/V COSCO BUSAN UNDER THE OAKLAND BAY BRIDGE AND STUCK THE DELTA TOWER OF THE BRIDGE.

Action Type: Other Actions - Reporting/Notifications
Action Class: Report/Notification of Casualty or Incident
Location: Known; US Waters
Description: Incident Location
Latitude: 37 46.0 N Longitude: 122 18.0 W

Subject(s) and Details:

| <u>Name</u> | <u>Type</u> | <u>Status</u> | <u>Role</u> |
|-------------|-------------|---------------|-------------|
| Cota, John | Party | Not at Risk | Other |

Details Filed: NotificationIncident Detail/Location

Incident Type: MS: Allision
Incident Date/Time: 11/07/2007 4:30:00 PM

Notification Method: VHF/FM (other than Channel 16)
Date/Time Notified: 11/07/2007 4:30:00 PM
Specific Notification Problem: No

Incident Location:

Address:
City, St, Zip: ,
Province/Country: /
Latitude: 37 46.0 N
Longitude: 122 18.0 W
General Location/Affected Area

Reporting Party

Name: John Cota
Callback Phone:
Cell Phone:
Location:
Address:
City, ST, Zip: ,
Province/Country: /
Facility Name:
Organization:
Latitude: 0
Longitude: 0
General Location:

Involved SubjectsIncident Description

SF BAR PILOT UNIT 9 WAS PILOTING THE M/V COSCO BUSAN UNDER THE OAKLAND BAY BRIDGE AND STUCK THE DELTA TOWER OF THE BRIDGE.

V. CAUSAL ANALYSIS

The Initiating Event of the Incident

Initiating Event:

Failures of Defense Against Subsequent Events in the Incident

VI. REFERRAL FOR ENFORCEMENT ACTION

The following referrals for enforcement action have been made as a result of this investigation and represent those instances where the Coast Guard has gathered evidence that indicates one or more alleged violations or offenses may have occurred. Any determinations as to whether or not one or more actual violations or offenses have occurred are documented in the appropriate Coast Guard enforcement activities.

APPENDIX 1 - EVIDENCE

3095030 001 DF

Pilot card (1).pdf

Collection Information:

Date/Time: 11/10/2007 2:56:00 PM

Location: Sector SF

Collected By: USCG Gathered; I/O Div, SEC SanFran

Witnessed By: USCG Witness; ,

Tracking:

Attachments:

- Pilot card (1).pdf; Sector San Francisco; Fernandez, David .; 11/10/2007;

3095030 002 DF

Log entries (2).pdf

Collection Information:

Date/Time: 11/10/2007 3:01:00 PM

Location: Sec SF

Collected By: USCG Gathered; IO Div, SEC SanFran

Witnessed By: USCG Witness; ,

Tracking:

Attachments:

- Log entries (2).pdf; Sector San Francisco; Fernandez, David .; 11/10/2007;

3095030 003 DF

Bridge log (3).pdf

Collection Information:

Date/Time: 11/10/2007 3:03:00 PM

Location: Sec SF

Collected By: USCG Gathered; IO Div, SEC SanFran

Witnessed By: USCG Witness; ,

Tracking:

Attachments:

- Bridge log (3).pdf; Sector San Francisco; Fernandez, David .; 11/10/2007;

3095030 004 DF

Bell log (4).pdf

Collection Information:

Date/Time: 11/10/2007 3:04:00 PM

Location: Sec SF

Collected By: USCG Gathered; IO Div, SEC SanFran

Witnessed By: USCG Witness; ,

Tracking:

Attachments:

- Bell log (4).pdf; Sector San Francisco; Fernandez, David .; 11/10/2007;

3095030 005 DF

Vessel Heading Printout (5).pdf

Collection Information:

Date/Time: 11/10/2007 3:05:00 PM
Location: Sec SF
Collected By: USCG Gathered; IO Div, SEC SanFran
Witnessed By: USCG Witness; ,

Tracking:

Attachments:

- Vessel Heading Printout (5).pdf; Sector San Francisco; Fernandez, David .;
11/10/2007;

3095030 006 DF

Vessel Bridge Team Instruction (6).pdf

Collection Information:

Date/Time: 11/10/2007 3:06:00 PM
Location: Sec SF
Collected By: USCG Gathered; IO Div, SEC SanFran
Witnessed By: USCG Witness; ,

Tracking:

Attachments:

- Vessel Bridge Team Instruction (6).pdf; Sector San Francisco; Fernandez, David .;
11/10/2007;

3095030 007 DF

Vessel Response Plan (7).pdf

Collection Information:

Date/Time: 11/10/2007 3:07:00 PM
Location: Sec SF
Collected By: USCG Gathered; IO Div, SEC SanFran
Witnessed By: USCG Witness; ,

Tracking:

Attachments:

- Vessel Response Plan (7).pdf; Sector San Francisco; Fernandez, David .;
11/10/2007;

3095030 008 DF

Crew List (8).pdf

Collection Information:

Date/Time: 11/10/2007 3:09:00 PM
Location: Sec SF
Collected By: USCG Gathered; IO Div, SEC SanFran
Witnessed By: USCG Witness; ,

Tracking:

Attachments:

- Crew List (8).pdf; Sector San Francisco; Fernandez, David .; 11/10/2007;

3095030 009 DF

Spilled Quantity Cals and Tank Sounding (9).pdf

Collection Information:

Date/Time: 11/10/2007 3:11:00 PM

Location: Sec SF
Collected By: USCG Gathered; IO Div, SEC SanFran
Witnessed By: USCG Witness; ,

Tracking:

Attachments:

- Spilled Quantity Cals and Tank Sounding (9).pdf; Sector San Francisco;
Fernandez, David .; 11/10/2007;

3095030 010 DF

Captain statement (10).pdf

Collection Information:

Date/Time: 11/10/2007 3:12:00 PM
Location: Sec SF
Collected By: USCG Gathered; IO Div, SEC SanFran
Witnessed By: USCG Witness; ,

Tracking:

Attachments:

- Captain statement (10).pdf; Sector San Francisco; Fernandez, David .;
11/10/2007;

3095030 011 DF

Third mate statement (11).pdf

Collection Information:

Date/Time: 11/10/2007 3:13:00 PM
Location: Sec SF
Collected By: USCG Gathered; IO Div, SEC SanFran
Witnessed By: USCG Witness; ,

Tracking:

Attachments:

- Third mate statement (11).pdf; Sector San Francisco; Fernandez, David .;
11/10/2007;

3095030 012 DF

Helmsman statement (12).pdf

Collection Information:

Date/Time: 11/10/2007 3:14:00 PM
Location: Sec SF
Collected By: USCG Gathered; IO Div, SEC SanFran
Witnessed By: USCG Witness; ,

Tracking:

Attachments:

- Helmsman statement (12).pdf; Sector San Francisco; Fernandez, David .;
11/10/2007;

3095030 013 DF

Pilot statement (13).pdf

Collection Information:

Date/Time: 11/10/2007 3:18:00 PM
Location: Sec SF

Collected By: USCG Gathered; IO Div, SEC SanFran
Witnessed By: USCG Witness; ,
Tracking:
Attachments:
- Pilot statement (13).pdf; Sector San Francisco; Fernandez, David .; 11/10/2007;

3095030 014 DF

Master's_Mao Cai Sun_ COC Urine(14).pdf

Collection Information:

Date/Time: 11/10/2007 3:21:00 PM
Location: Sec SF
Collected By: USCG Gathered; IO Div, SEC SanFran
Witnessed By: USCG Witness; ,

Tracking:

Attachments:

- COC Urine Master Mao Cai Sun (14).pdf; Sector San Francisco; Fernandez, David .; 11/10/2007;

3095030 015 DF

Pilot alcohol and drug tests (15).pdf

Collection Information:

Date/Time: 11/10/2007 3:33:00 PM
Location: Sec SF
Collected By: USCG Gathered; IO Div, SEC SanFran
Witnessed By: USCG Witness; ,

Tracking:

Attachments:

- Pilot alcohol and drug tests (15).pdf; Sector San Francisco; Fernandez, David .; 11/10/2007;

3095030 016 DF

3rd Mate_ Hong Zhi Wang_ Chain of Custody for Urine sample (16).pdf

Collection Information:

Date/Time: 11/10/2007 3:35:00 PM
Location: Sec SF
Collected By: USCG Gathered; IO Div, SEC SanFran
Witnessed By: USCG Witness; ,

Tracking:

Attachments:

- COC Urine 3rd Mate Hong Zhi Wang (16).pdf; Sector San Francisco; Fernandez, David .; 11/10/2007;

3095030 017 DF

Helmsman_Zong Bin Li_ Chain of Custody for Urine sample (17).pdf

Collection Information:

Date/Time: 11/10/2007 3:36:00 PM
Location: Sec SF
Collected By: USCG Gathered; IO Div, SEC SanFran
Witnessed By: USCG Witness; ,

Tracking:

Attachments:

- COC Urine Helmsman Zong Bin Li (17).pdf; Sector San Francisco; Fernandez, David .; 11/10/2007;

3095030 018 DF

Chief Engineer Ying Quan Yao Chain of Custody for Urine sample (18).pdf

Collection Information:

Date/Time: 11/10/2007 3:37:00 PM

Location: Sec SF

Collected By: USCG Gathered; IO Div, SEC SanFran

Witnessed By: USCG Witness; ,

Tracking:

Attachments:

- COC Urine Chief Engineer Ying Quan Yao (18).pdf; Sector San Francisco; Fernandez, David .; 11/10/2007;

3095030 019 DF

BSN_ Liang Xian Zheng_ Chain of Custody for Urine sample (19).pdf

Collection Information:

Date/Time: 11/10/2007 3:38:00 PM

Location: Sec SF

Collected By: USCG Gathered; IO Div, SEC SanFran

Witnessed By: USCG Witness; ,

Tracking:

Attachments:

- COC Urine BSN Liang Xian Zheng (19).pdf; Sector San Francisco; Fernandez, David .; 11/10/2007;

3095030 020 DF

2E_Ying Quan Shen_ Chain of Custody for Urine sample (20).pdf

Collection Information:

Date/Time: 11/10/2007 3:43:00 PM

Location: Sec SF

Collected By: USCG Gathered; IO Div, SEC SanFran

Witnessed By: USCG Witness; ,

Tracking:

Attachments:

- COC Urine 2E Ying Quan Shen (20).pdf; Sector San Francisco; Fernandez, David .; 11/10/2007;

3095030 021 DF

CO_Kong Xiang Hu_ Chain of Custody for Urine sample (21).pdf

Collection Information:

Date/Time: 11/10/2007 3:49:00 PM

Location: Sec SF

Collected By: USCG Gathered; IO Div, SEC SanFran

Witnessed By: USCG Witness; ,

Tracking:

Attachments:

- CO_Kong Xiang Hu_Chain of COC Urine (21).pdf; Sector San Francisco; Fernandez, David .; 11/10/2007;

3095030 022 DF

Delta tower 1(22a&b).JPG

Collection Information:

Date/Time: 11/10/2007 3:53:00 PM
Location: Sec SF
Collected By: USCG Gathered; IO Div, SEC SanFran
Witnessed By: USCG Witness; ,

Tracking:

Attachments:

- Delta tower 1(22a).JPG; Sector San Francisco; Fernandez, David .; 11/10/2007;
- Delta Tower 2 (22b).JPG; Sector San Francisco; Fernandez, David .; 11/10/2007;

3095030 023 DF

Ship Photos (4 files)

Collection Information:

Date/Time: 11/10/2007 3:55:00 PM
Location: Sec SF
Collected By: USCG Gathered; IO Div, SEC SanFran
Witnessed By: USCG Witness; ,

Tracking:

Attachments:

- Close up shot of COSCO BUSAN 6 (23a).JPG; Sector San Francisco; Fernandez, David .; 11/10/2007;
- COSCO BUSAN 3(23b).JPG; Sector San Francisco; Fernandez, David .; 11/10/2007;
- COSCO BUSAN 4 (23c).JPG; Sector San Francisco; Fernandez, David .; 11/10/2007;
- COSCO BUSAN 5 (23d).JPG; Sector San Francisco; Fernandez, David .; 11/10/2007;

3095030 024 DF

Ship Charts (6 files)

Collection Information:

Date/Time: 11/10/2007 3:57:00 PM
Location: Sec SF
Collected By: USCG Gathered; IO Div, SEC SanFran
Witnessed By: USCG Witness; ,

Tracking:

Attachments:

- DSC01127 (24a).JPG; Sector San Francisco; Fernandez, David .; 11/10/2007;
- DSC01128 (24b).JPG; Sector San Francisco; Fernandez, David .; 11/10/2007;
- DSC01129 (24c).JPG; Sector San Francisco; Fernandez, David .; 11/10/2007;
- DSC01135 (24d).JPG; Sector San Francisco; Fernandez, David .; 11/10/2007;
- DSC01137 (24e).JPG; Sector San Francisco; Fernandez, David .; 11/10/2007;

- DSC01142 (24f).JPG; Sector San Francisco; Fernandez, David .; 11/10/2007;

3095030 025 DF

VTS Screen Shots (4 files)

Collection Information:

Date/Time: 11/10/2007 4:04:00 PM

Location: Sec SF

Collected By: USCG Gathered; IO Div, SEC SanFran

Witnessed By: USCG Witness; ,

Tracking:

Attachments:

- 11 07 2007 08 32 34 Track History (25a).bmp; Sector San Francisco; Fernandez, David .; 11/10/2007;
- Time Mr Shepherd Intentionl (25b).bmp; Sector San Francisco; Fernandez, David .; 11/10/2007;
- Allision (25c).bmp; Sector San Francisco; Fernandez, David .; 11/10/2007;
- Report of Allision from Cosco Busan(25d).bmp; Sector San Francisco; Fernandez, David .; 11/10/2007;

3095030 026 DF

Radio Communication with VTS (3 .wav files)

Collection Information:

Date/Time: 11/10/2007 4:13:00 PM

Location: Sec SF

Collected By: USCG Gathered; IO Div, SEC SanFran

Witnessed By: USCG Witness; ,

Tracking:

Attachments:

- Shepard Verify Intentions.wav; Sector San Francisco; Fernandez, David .; 11/10/2007;
- Report of Bridge Allision.wav; Sector San Francisco; Fernandez, David .; 11/10/2007;
- Phone Conversations.wav; Sector San Francisco; Fernandez, David .; 11/10/2007;

3095030 027 DF

IO_CWO_Reavis_Interview Summary of Pilot(27).pdf

Collection Information:

Date/Time: 11/10/2007 4:15:00 PM

Location:

Collected By: USCG Gathered; ,

Witnessed By: USCG Witness; ,

Tracking:

Attachments:

- IO_CWO_Reavis_Interview Summary of Pilot(27).pdf; Sector San Francisco; Fernandez, David .; 11/10/2007;

3095030 028 DF

IO_LTJG_Rosario_Interview Summary of Pilot (28).pdf

Collection Information:

Date/Time: 11/10/2007 4:35:00 PM
Location: Sec SF
Collected By: USCG Gathered; IO Div, SEC SanFran
Witnessed By: USCG Witness; ,

Tracking:

Attachments:

- IO_LTJG_Rosario_Interview Summ of Pilot(28).pdf; Sector San Francisco;
Fernandez, David .; 11/10/2007;

3095030 029 DF

IO_CWO_Reavis_Interview Summary of Master(29).pdf

Collection Information:

Date/Time: 11/10/2007 4:36:00 PM
Location: Sec SF
Collected By: USCG Gathered; IO Div, SEC SanFran
Witnessed By: USCG Witness; ,

Tracking:

Attachments:

- IO_CWO_Reavis_Interview Summary with Master(29).pdf; Sector San
Francisco; Fernandez, David .; 11/10/2007;

3095030 030 DF

IO_CWO_Reavis_Interview Summary of A/B Helmsman(30).pdf

Collection Information:

Date/Time: 11/10/2007 4:37:00 PM
Location: Sec SF
Collected By: USCG Gathered; IO Div, SEC SanFran
Witnessed By: USCG Witness; ,

Tracking:

Attachments:

- IO_CWO_Reavis_Interview Summary of Helmsan(30).pdf; Sector San
Francisco; Fernandez, David .; 11/10/2007;

3095030 031 DF

IO_CWO_Reavis_Interview Summary of 3rd Mate(31).pdf

Collection Information:

Date/Time: 11/10/2007 4:38:00 PM
Location: Sec SF
Collected By: USCG Gathered; IO Div, SEC SanFran
Witnessed By: USCG Witness; ,

Tracking:

Attachments:

- IO_CWO_Reavis_Interview Summary with 3rd Mate (31).pdf; Sector San
Francisco; Fernandez, David .; 11/10/2007;

3095030 032 DF

IO_LTJG_Rosario_Interview Summary of 3rd Mate (32).pdf

Collection Information:

Date/Time: 11/10/2007 4:39:00 PM
Location: Sec SF
Collected By: USCG Gathered; IO Div, SEC SanFran
Witnessed By: USCG Witness; ,

Tracking:

Attachments:

- IO_LTJG Rosario_Interview Summ of 3rdMate(32).pdf; Sector San Francisco;
Fernandez, David .; 11/10/2007;

3095030 033 DF

IO_LTJG_Rosario_Interview Summary of Master (33).pdf

Collection Information:

Date/Time: 11/10/2007 4:40:00 PM
Location: Sec SF
Collected By: USCG Gathered; IO Div, SEC SanFran
Witnessed By: USCG Witness; ,

Tracking:

Attachments:

- IO_LTJG Rosario_Interview Summ of Master(33).pdf; Sector San Francisco;
Fernandez, David .; 11/10/2007;

3095030 034 DF

Statement VTS Supervisor Mark J Perez (34).pdf

Collection Information:

Date/Time: 11/10/2007 4:56:00 PM
Location: Sec SF
Collected By: USCG Gathered; IO Div, SEC SanFran
Witnessed By: USCG Witness; ,

Tracking:

Attachments:

- M Perez VTS Sup (34).pdf; Sector San Francisco; Fernandez, David .;
11/10/2007;

3095030 035 DF

Statement VTS Specialist Franklin H. Shepherd (35).pdf

Collection Information:

Date/Time: 11/10/2007 4:58:00 PM
Location: Sec SF
Collected By: USCG Gathered; IO Div, SEC SanFran
Witnessed By: USCG Witness; ,

Tracking:

Attachments:

- Mr Shepherd VTS Spe(35).pdf; Sector San Francisco; Fernandez, David .;
11/10/2007;

3095030 036 DF

Statement VTS Ops Specialist Drew P. Cooper(36).pdf

Collection Information:

Date/Time: 11/10/2007 5:00:00 PM

Location: Sec SF
Collected By: USCG Gathered; IO Div, SEC SanFran
Witnessed By: USCG Witness; ,

Tracking:

Attachments:

- FW Statement from P O Cooper(36).msg; Sector San Francisco; Fernandez,
David .; 11/10/2007;

3095030-MISLE-001

MISLE Notification #280496 for report of incident received by VHF/FM (other than
Channel 16).

Collection Information:

Date/Time: 11/07/2007 4:30:00 PM
Location: Sector San Francisco
Collected By: USCG Gathered; Rosario, Nephtwim ., Sector San Francisco
Witnessed By: USCG Witness; ,

Tracking:

Attachments:

APPENDIX 2 - CORRESPONDENCE

Print for Activity: 3095046

Sequence of Events.

11/07/2007 17:04:00 (Known): Response Resource Requested

Action Class: Resource Action
Sub-Type: Resource Ordered/Requested
Location:

Subject(s) and Details:

| <u>Name</u> | <u>Type</u> | <u>Status</u> | <u>Role</u> |
|-------------|-------------|---------------|-------------|
| UTB - 41392 | Resource | | |

Details Filed: None

11/07/2007 17:04:00 (Known): UTB - 41392 USCG - CG STA SAN FRANCISCO Launched

Action Class: Resource Action
Sub-Type: Resource Dispatched/Launched
Location:

Subject(s) and Details:

| <u>Name</u> | <u>Type</u> | <u>Status</u> | <u>Role</u> |
|-------------|-------------|---------------|-------------|
| UTB - 41392 | Resource | | |

Details Filed: None

11/07/2007 17:13:00 (Known): UTB - 41392 USCG - CG STA SAN FRANCISCO On Scene at 071713Z NOV 07

Action Class: Resource Action
Sub-Type: Resource On-scene
Location:

Subject(s) and Details:

| <u>Name</u> | <u>Type</u> | <u>Status</u> | <u>Role</u> |
|-------------|-------------|---------------|-------------|
| UTB - 41392 | Resource | | |

Details Filed: None

11/07/2007 17:13:00 (Known): Target Located at 071713Z NOV 07

Event Class: Target Located
Sub-Type:
Location:

Subject(s) and Details:

| <u>Name</u> | <u>Type</u> | <u>Status</u> | <u>Role</u> |
|-------------|-------------|---------------|-------------|
| UTB - 41392 | Resource | | |

Details Filed: None

11/07/2007 17:13:00 (Known): UTB - 41392 USCG - CG STA SAN FRANCISCO Alongside

Action Class: Resource Action
Sub-Type: Resource Alongside/Overhead
Location:

Subject(s) and Details:

| <u>Name</u> | <u>Type</u> | <u>Status</u> | <u>Role</u> |
|---------------------|-------------|---------------|-------------|
| UTB - 41392 | Resource | | |
| Details Filed: None | | | |

11/07/2007 20:07:00 (Known): UTB - 41392 USCG - CG STA SAN FRANCISCO Departed Scene

Action Class: Resource Action
Sub-Type: Resource Depart Scene
Location:

Subject(s) and Details:

| <u>Name</u> | <u>Type</u> | <u>Status</u> | <u>Role</u> |
|---------------------|-------------|---------------|-------------|
| UTB - 41392 | Resource | | |
| Details Filed: None | | | |

11/07/2007 20:10:00 (Known): UTB - 41392 USCG - CG STA SAN FRANCISCO Sortie Ended

Action Class: Resource Action
Sub-Type: Resource RTB
Location:

Subject(s) and Details:

| <u>Name</u> | <u>Type</u> | <u>Status</u> | <u>Role</u> |
|---------------------|-------------|---------------|-------------|
| UTB - 41392 | Resource | | |
| Details Filed: None | | | |

Print for Activity: 3095056

Sequence of Events.

11/07/2007 18:17:00 (Known): Response Resource Requested

Action Class: Resource Action
Sub-Type: Resource Ordered/Requested
Location:

Subject(s) and Details:

| <u>Name</u> | <u>Type</u> | <u>Status</u> | <u>Role</u> |
|---------------------|-------------|---------------|-------------|
| RBS - 25501 | Resource | | |
| Details Filed: None | | | |

11/07/2007 18:17:00 (Known): RBS - 25501 USCG - CG STA SAN FRANCISCO Launched

Action Class: Resource Action
Sub-Type: Resource Dispatched/Launched
Location:

Subject(s) and Details:

| <u>Name</u> | <u>Type</u> | <u>Status</u> | <u>Role</u> |
|---------------------|-------------|---------------|-------------|
| RBS - 25501 | Resource | | |
| Details Filed: None | | | |

11/07/2007 18:25:00 (Known): RBS - 25501 USCG - CG STA SAN FRANCISCO On Scene at 071825Z NOV 07

Action Class: Resource Action
Sub-Type: Resource On-scene
Location:

Subject(s) and Details:

| <u>Name</u> | <u>Type</u> | <u>Status</u> | <u>Role</u> |
|---------------------|-------------|---------------|-------------|
| RBS - 25501 | Resource | | |
| Details Filed: None | | | |

11/07/2007 18:25:00 (Known): Target Located at 071825Z NOV 07

Event Class: Target Located
Sub-Type:
Location:

Subject(s) and Details:

| <u>Name</u> | <u>Type</u> | <u>Status</u> | <u>Role</u> |
|---------------------|-------------|---------------|-------------|
| RBS - 25501 | Resource | | |
| Details Filed: None | | | |

11/07/2007 18:25:00 (Known): RBS - 25501 USCG - CG STA SAN FRANCISCO Alongside

Action Class: Resource Action
Sub-Type: Resource Alongside/Overhead
Location:

Subject(s) and Details:

| <u>Name</u> | <u>Type</u> | <u>Status</u> | <u>Role</u> |
|---------------------|-------------|---------------|-------------|
| RBS - 25501 | Resource | | |
| Details Filed: None | | | |

11/07/2007 22:04:00 (Known): RBS - 25501 USCG - CG STA SAN FRANCISCO Departed Scene

Action Class: Resource Action
Sub-Type: Resource Depart Scene
Location:

Subject(s) and Details:

| <u>Name</u> | <u>Type</u> | <u>Status</u> | <u>Role</u> |
|---------------------|-------------|---------------|-------------|
| RBS - 25501 | Resource | | |
| Details Filed: None | | | |

11/08/2007 22:14:00 (Known): RBS - 25501 USCG - CG STA SAN FRANCISCO Sortie Ended

Action Class: Resource Action
Sub-Type: Resource RTB
Location:

Subject(s) and Details:

| <u>Name</u> | <u>Type</u> | <u>Status</u> | <u>Role</u> |
|---------------------|-------------|---------------|-------------|
| RBS - 25501 | Resource | | |
| Details Filed: None | | | |

Print for Activity: 3095059

Sequence of Events.

11/07/2007 21:10:00 (Known): Response Resource Requested

Action Class: Resource Action
Sub-Type: Resource Ordered/Requested
Location:

Subject(s) and Details:

| <u>Name</u> | <u>Type</u> | <u>Status</u> | <u>Role</u> |
|-------------|-------------|---------------|-------------|
| RBS - 25406 | Resource | | |

Details Filed: None

11/07/2007 21:10:00 (Known): RBS - 25406 USCG - CG STA SAN FRANCISCO Launched

Action Class: Resource Action
Sub-Type: Resource Dispatched/Launched
Location:

Subject(s) and Details:

| <u>Name</u> | <u>Type</u> | <u>Status</u> | <u>Role</u> |
|-------------|-------------|---------------|-------------|
| RBS - 25406 | Resource | | |

Details Filed: None

11/07/2007 21:20:00 (Known): RBS - 25406 USCG - CG STA SAN FRANCISCO On Scene at 072120Z NOV 07

Action Class: Resource Action
Sub-Type: Resource On-scene
Location:

Subject(s) and Details:

| <u>Name</u> | <u>Type</u> | <u>Status</u> | <u>Role</u> |
|-------------|-------------|---------------|-------------|
| RBS - 25406 | Resource | | |

Details Filed: None

11/07/2007 21:20:00 (Known): Target Located at 072120Z NOV 07

Event Class: Target Located
Sub-Type:
Location:

Subject(s) and Details:

| <u>Name</u> | <u>Type</u> | <u>Status</u> | <u>Role</u> |
|-------------|-------------|---------------|-------------|
| RBS - 25406 | Resource | | |

Details Filed: None

11/07/2007 21:20:00 (Known): RBS - 25406 USCG - CG STA SAN FRANCISCO Alongside

Action Class: Resource Action
Sub-Type: Resource Alongside/Overhead
Location:

Subject(s) and Details:

| <u>Name</u> | <u>Type</u> | <u>Status</u> | <u>Role</u> |
|---------------------|-------------|---------------|-------------|
| RBS - 25406 | Resource | | |
| Details Filed: None | | | |

11/07/2007 21:30:00 (Known): RBS - 25406 USCG - CG STA SAN FRANCISCO Departed Scene

Action Class: Resource Action
Sub-Type: Resource Depart Scene
Location:

Subject(s) and Details:

| <u>Name</u> | <u>Type</u> | <u>Status</u> | <u>Role</u> |
|---------------------|-------------|---------------|-------------|
| RBS - 25406 | Resource | | |
| Details Filed: None | | | |

11/07/2007 21:38:00 (Known): RBS - 25406 USCG - CG STA SAN FRANCISCO Sortie Ended

Action Class: Resource Action
Sub-Type: Resource RTB
Location:

Subject(s) and Details:

| <u>Name</u> | <u>Type</u> | <u>Status</u> | <u>Role</u> |
|---------------------|-------------|---------------|-------------|
| RBS - 25406 | Resource | | |
| Details Filed: None | | | |

Print for Activity: 3095621

Sequence of Events.

11/07/2007 22:41:00 (Known): Response Resource Requested

Action Class: Resource Action
Sub-Type: Resource Ordered/Requested
Location:

Subject(s) and Details:

| <u>Name</u> | <u>Type</u> | <u>Status</u> | <u>Role</u> |
|-------------|-------------|---------------|-------------|
| UTB - 41392 | Resource | | |

Details Filed: None

11/07/2007 22:41:00 (Known): UTB - 41392 USCG - CG STA SAN FRANCISCO Launched

Action Class: Resource Action
Sub-Type: Resource Dispatched/Launched
Location:

Subject(s) and Details:

| <u>Name</u> | <u>Type</u> | <u>Status</u> | <u>Role</u> |
|-------------|-------------|---------------|-------------|
| UTB - 41392 | Resource | | |

Details Filed: None

11/07/2007 23:33:00 (Known): UTB - 41392 USCG - CG STA SAN FRANCISCO On Scene at 072333Z NOV 07

Action Class: Resource Action
Sub-Type: Resource On-scene
Location:

Subject(s) and Details:

| <u>Name</u> | <u>Type</u> | <u>Status</u> | <u>Role</u> |
|-------------|-------------|---------------|-------------|
| UTB - 41392 | Resource | | |

Details Filed: None

11/08/2007 1:21:00 (Known): UTB - 41392 USCG - CG STA SAN FRANCISCO Sortie Ended

Action Class: Resource Action
Sub-Type: Resource RTB
Location:

Subject(s) and Details:

| <u>Name</u> | <u>Type</u> | <u>Status</u> | <u>Role</u> |
|-------------|-------------|---------------|-------------|
| UTB - 41392 | Resource | | |

Details Filed: None

Print for Activity: 3095968

U.S. Department of
Homeland Security
United States
Coast Guard



Activity Summary Report

Title: ISM Exam
Activity ID: 3095968
Activity Start Time: 11/09/2007 11:16:00 AM
Originating Unit: SEC SanFran
Owner Unit: SEC SanFran
Controlling Unit: SEC SanFran
Activity Type: Vessel Inspection/PSC
Team Lead: Johnson, Bryan D.
Status: Open - In Progress
Status Date: 11/09/2007
Prompt Date:
Subject POC: LT Hsing-Yen Fu

Operating Organization Name

| | | | | | |
|---------------------------------------|------------------|--------------|------------|----------------|-----------------|
| REGAL Stone LTD | - | Corporation | | | |
| Address | City | State | Zip | Country | Province |
| Rm 1603, 16th Floor, MassMutual Tower | 38 Gloucester Rd | | Wanchai | | HK |

Vessel Information

| | | | |
|----------------------------|---|----------------------|-------------------|
| Vessel Name: | VIN: | Length: | |
| COSCO BUSAN | 9231743 | 901.2 | |
| Year Completed: | Vessel Type: | | Propulsion |
| 2001 | General Dry Cargo Ship-Container Ship-General | | Diesel |
| Direct | | | |
| Engine Compartment: | Fuel Compartment: | Construction: | |
| Unknown | Unknown | Unknown | |

Activities Conducted:

| | | |
|-------------|-------------|-------------|
| Type | Date | Unit |
| ISM Exam | 11/09/07 | SEC SanFran |

Operational Controls:

| | | | |
|----------------------------|---|------------------|---------------------|
| Control Type | Reason | Initiated | Jurisdiction |
| IMO Related Detention | Vessel Movement, Other | 11/09/07 | US Coast Guard |
| Restriction | Description | | |
| Vessel Movement Limitation | Vessel is detained in the Port of San Francisco Bay until the deficiencies are addressed to the satisfaction of the attending Coast Guard marine inspector and the vessel's classification society. | | |

Inspection Results

| | | |
|-----------------------|-------------|--------------------------------|
| System | Date | Results |
| Operations/Management | 11/09/07 | Outstanding Deficiencies Exist |

Inspection Results - Deficiencies

| | | | |
|-------------|------------------------|--------------------|----------------------|
| ITEM | COMPLIANCE DATE | DATE ISSUED | DATE RESOLVED |
| 1 | | 11/09/2007 | |

| SYSTEM | SUBSYSTEM | COMPONENT |
|-----------------------|-------------------|------------------------------|
| Operations/Management | Navigation Safety | Navigation Underway, General |

---Description---

Based on an allision of the vessel with the San Francisco Bay Bridge on 07 November 2007 and statements made by the vessel's Master and crew describing conditions and operations on the bridge before and during the transit, the crew is not operating in accordance with the vessel's Bridge Procedures Manual and Safety Management System.

Documents and Certificates:

=====

=====

(none)

Locations:

| Latitude | Longitude | Time | Description |
|--------------|--------------|------------------|-------------|
| ===== | | | |
| ===== | | | |
| 37 48.6444 N | 122 22.074 W | 11/09/2007 11:16 | Anchorage 9 |

Narrative Summary:

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07NOV07: PSC inspectors boarded the vessel along with IO's for post-casualty investigation of vessel. During the course of the investigation, PSC inspectors noticed possible lapses in the implementation of the Bridge Safety Management System. Conducted expanded ISM exam regarding Bridge Management. Inspectors found, through the exam and interviews with vessel crew, that the bridge was likely not manned commiserate with the environmental conditions at the time of the casualty. Also, they noticed that the fixes were not plotted as often as required. According to the 3/O who was on the bridge at the time, he was unable to comply with requirements b/c he was manning the EOT at the same time. Vessel detained for failure to implement the ISM. Form B requested ISM audit to be completed.

Activity Action Log:

| Eff. Date | Unit | Individual | Description |
|----------------------------|-------------|-------------------|-----------------------------------|
| ===== | | | |
| ===== | | | |
| 11/09/2007 In Progress" | SEC SanFran | Johnson, Bryan D. | Activity Created. Status: "Open - |

Cargo Transfer Statistics:

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Print for Activity: 3096205

Case Title: MS Allision/ 37 46. N 122 18. W/071630ZNOV07
Case Number: 381733 Activity Number: 3096205

| Date/Time | Subject(s) | Entered By |
|--------------|--------------|-----------------|
| 071630ZNOV07 | <no subject> | Cooper, Drew P. |

Message

Initial Notification - SF BAR PILOT UNIT R WAS PILOTING THE M/V COSCO BUSAN UNDER THE OAKLAND BAY BRIDGE AND STUCK THE DELTA TOWER OF THE BRIDGE.

| Date/Time | Subject(s) | Entered By |
|--------------|--------------|-------------------|
| 071630ZNOV07 | <no subject> | NAGLE, RUSSELL P. |

Message

SCC rcvd rpt from VTS stating that the M/V Cosco Busan had struck the delta tower of the bay bridge while transiting outbound from Oakland. The vs1 is now at anchorage 7. VTS reports they will contact CALTRANS

| Date/Time | Subject(s) | Entered By |
|--------------|----------------------------|------------------|
| 071631ZNOV07 | COSCO BUSAN; COTA, JOHN A. | Flesher, Gabriel |

Message

| Date/Time | Subject(s) | Entered By |
|--------------|--------------|-----------------|
| 071633ZNOV07 | <no subject> | Cooper, Drew P. |

Message

SEC SF VTS BRIEFED CAL TRANS: ALLISION TO THE EAST SIDE OF THE DELTA TOWER OF THE OAKLAND BAY BRIDGE. REPORTED DAMAGE TO PILEINGS.

| Date/Time | Subject(s) | Entered By |
|--------------|--------------|-------------------|
| 071636ZNOV07 | <no subject> | NAGLE, RUSSELL P. |

Message

SCC issued an SMIB about the COSCO BUSAN making contact with the Bay Bridge. SMIB warned all vs1s to keep a 100yrd distance from the vs1 and to transit the area with caution. SMIB is to be issued every 15 minutes.

| Date/Time | Subject(s) | Entered By |
|--------------|--------------|-------------------|
| 071637ZNOV07 | <no subject> | NAGLE, RUSSELL P. |

Message

SU briefed ENS Hopper

| Date/Time | Subject(s) | Entered By |
|--------------|--------------|-------------------|
| 071640ZNOV07 | <no subject> | NAGLE, RUSSELL P. |

Message

SCC briefed Mr. Sulouff at D11

| Date/Time | Subject(s) | Entered By |
|--------------|--------------|-------------------|
| 071646ZNOV07 | <no subject> | NAGLE, RUSSELL P. |

Message

Briefed STA SF for launch to investigate damage to bridge and vessel

| Date/Time | Subject(s) | Entered By |
|--------------|--------------|-----------------|
| 071648ZNOV07 | <no subject> | Cooper, Drew P. |

Message

PIER DEBRIS AND FUEL IN WATER DID NOT KNOW THE FULL EXTENT OF DAMAGE. RECOMMENDED CONTACT ARMY CORP OF ENGINEERS AND RESPOND TO DEBRIS IN WATER.

| Date/Time | Subject(s) | Entered By |
|--------------|-------------|-----------------|
| 071650ZNOV07 | COSCO BUSAN | Cooper, Drew P. |

Message

COSCO BUSAN RPTD TO VTS: ANCHORED IN ANCHORAGE 7.

| Date/Time | Subject(s) | Entered By |
|-----------|------------|------------|
|-----------|------------|------------|

071650ZNOV07 <no subject> NAGLE, RUSSELL P.

Message

Briefed IMD, MST2 Anderson will be departing to investigate spill

| Date/Time | Subject(s) | Entered By |
|--------------|--------------|--------------------|
| 071650ZNOV07 | <no subject> | bidowski, andrea . |

Message

SCC was notified by NRC (report # 853865) that there was oil in the water caused by the M/V Cosco Busan. IMD was briefed via phone.

| Date/Time | Subject(s) | Entered By |
|--------------|---------------------------------|-----------------|
| 071655ZNOV07 | COTA, JOHN; HOBURG, ELLSWORTH F | Cooper, Drew P. |

Message

MR HOBURG (SF BARY PILOT UNIT: 37) STATED HE HAD RELIEVED CAPTAIN JOHN COTA (SF BAR PILOT UNIT: R).

| Date/Time | Subject(s) | Entered By |
|--------------|--------------|-----------------|
| 071659ZNOV07 | <no subject> | Cooper, Drew P. |

Message

VTS SF SENT SECURITE BCST TO INFORM VESSELS OF MINIMUM WAKE AROUND COSCO BUSAN IN ANC 7.

| Date/Time | Subject(s) | Entered By |
|--------------|-------------|---------------|
| 071704ZNOV07 | UTB - 41392 | Boyd, Ryan E. |

Message

Response Resource Requested

| Date/Time | Subject(s) | Entered By |
|--------------|-------------|---------------|
| 071704ZNOV07 | UTB - 41392 | Boyd, Ryan E. |

Message

UTB - 41392 USCG - CG STA SAN FRANCISCO Launched

| Date/Time | Subject(s) | Entered By |
|--------------|--------------|-----------------|
| 071705ZNOV07 | <no subject> | Cooper, Drew P. |

Message

VTS SF NTFD THE ACOE OF THE DEBRIS IN THE WATER SOUTH OF THE OAKLAND BAY BRIDGE.

| Date/Time | Subject(s) | Entered By |
|--------------|------------|-----------------|
| 071710ZNOV07 | LYNN MARIE | Cooper, Drew P. |

Message

TUB LYNN MARIE INFORMED VTS THAT THE TUG HAD SPOTTED FUEL AND DEBRIS FROM YERBA BUENA ISLAND TO THE ALPHA TOWER OF THE OAKLAND BAY BRIDGE.

| Date/Time | Subject(s) | Entered By |
|--------------|-------------|---------------|
| 071713ZNOV07 | UTB - 41392 | Boyd, Ryan E. |

Message

UTB - 41392 USCG - CG STA SAN FRANCISCO On Scene at 071713Z NOV 07

| Date/Time | Subject(s) | Entered By |
|--------------|-------------|---------------|
| 071713ZNOV07 | UTB - 41392 | Boyd, Ryan E. |

Message

Target Located at 071713Z NOV 07

| Date/Time | Subject(s) | Entered By |
|--------------|-------------|---------------|
| 071713ZNOV07 | UTB - 41392 | Boyd, Ryan E. |

Message

UTB - 41392 USCG - CG STA SAN FRANCISCO Alongside

| Date/Time | Subject(s) | Entered By |
|--------------|--------------|-----------------|
| 071722ZNOV07 | <no subject> | Cooper, Drew P. |

Message

ACOE STATED THAT THEY WOULD SEND ASSETS TO ASSIST IN DEBRIS CLEAN UP.

| Date/Time | Subject(s) | Entered By |
|-----------|------------|------------|
|-----------|------------|------------|

071722ZNOV07 <no subject>

NAGLE, RUSSELL P.

Message

contacted agent who stated that OSRO had been notified

Date/Time **Subject(s)**
071723ZNOV07 HOBURG, ELLSWORTH F

Entered By
Cooper, Drew P.

Message

INQUIRED IF ANY OF THE OIL RESPONSE BOATS HAVE CHECKED IN FOR THE COSCO BUSAN. NO OIL RESPONSE VESSELS HAVE CHECKED IN AS OF YET. VTS QUERRIED THE PILOT ON FUEL LEAKAGE SITUATION. PILOT'S RESPONSE WAS THE SHIP'S CREW HAS SECURED THE FUEL SPILL.

Date/Time **Subject(s)**
071730ZNOV07 <no subject>

Entered By
NAGLE, RUSSELL P.

Message

conducted virtual brief

Date/Time **Subject(s)**
071739ZNOV07 <no subject>

Entered By
Cooper, Drew P.

Message

CAL TRANS RPTD TO VTS THAT INVESTIGATORS WERE ON SEEN TO CHECK THE STURCTURAL DAMGAE TO THE TOWER.

Date/Time **Subject(s)**
071745ZNOV07 <no subject>

Entered By
NAGLE, RUSSELL P.

Message

SCC initiated CIC; CIC request denied due to the issue being a local issue.

Date/Time **Subject(s)**
071745ZNOV07 <no subject>

Entered By
NAGLE, RUSSELL P.

Message

PO Anderson reports the sounding tube appears bent; resulting in uncertain information regarding fuel discharge.

Date/Time **Subject(s)**
071754ZNOV07 HOBURG, ELLSWORTH F

Entered By
Cooper, Drew P.

Message

REQUESTED TO SHIFT THE VESSEL TO ANCHORAGE 9 DUE TO DRAFT CONCERNS, THE VESSEL IS DRAWING 40'4" ANCHORAGE 7 IS NOT AN IDEAL ANCHORAGE FOR THE VESSEL. SEC SF SMC AUTHORIZED.

Date/Time **Subject(s)**
071754ZNOV07 <no subject>

Entered By
NAGLE, RUSSELL P.

Message

COSCO BUSAN enr Anchoarage 9

Date/Time **Subject(s)**
071757ZNOV07 <no subject>

Entered By
NAGLE, RUSSELL P.

Message

CGC Tern briefed for launch

Date/Time **Subject(s)**
071758ZNOV07 COSCO BUSAN

Entered By
Cooper, Drew P.

Message

SEC SF VTS NOTIFIED VSL THAT VESSEL HAD TO MAINTAIN ATLEAST 1 NM DISTANCE FROM ANY ANCHORED VESSEL.

Date/Time **Subject(s)**
071807ZNOV07 COSCO BUSAN; HOBURG, ELLSWORTH F

Entered By
Cooper, Drew P.

Message

UNIT 37 ONBOARD THE COSCO BUSAN CONTACTED SEC SF VTS PREPARING TO DEPART ANCHORAGE 7 FOR ANCHORAGE 9.

Date/Time **Subject(s)**
071812ZNOV07 <no subject>

Entered By
bidowski, andrea .

Message

We received a call from Danny Herod at O'Briens stating that an OSRO Team is getting assembled.

Date/Time **Subject(s)**
071817ZNOV07 RBS - 25501

Entered By
Boyd, Ryan E.

Message

Response Resource Requested

Date/Time **Subject(s)**
071817ZNOV07 RBS - 25501

Entered By
Boyd, Ryan E.

Message

RBS - 25501 USCG - CG STA SAN FRANCISCO Launched

Date/Time **Subject(s)**
071822ZNOV07 <no subject>

Entered By
Cooper, Drew P.

Message

NOTIFIED THAT M/V COSCO BUSAN UNDERWAY FOR ANCHORAGE 9

Date/Time **Subject(s)**
071822ZNOV07 <no subject>

Entered By
NAGLE, RUSSELL P.

Message

CGC Tern assumes PATCOM

Date/Time **Subject(s)**
071825ZNOV07 RBS - 25501

Entered By
Boyd, Ryan E.

Message

RBS - 25501 USCG - CG STA SAN FRANCISCO On Scene at 071825Z NOV 07

Date/Time **Subject(s)**
071825ZNOV07 RBS - 25501

Entered By
Boyd, Ryan E.

Message

Target Located at 071825Z NOV 07

Date/Time **Subject(s)**
071825ZNOV07 RBS - 25501

Entered By
Boyd, Ryan E.

Message

RBS - 25501 USCG - CG STA SAN FRANCISCO Alongside

Date/Time **Subject(s)**
071830ZNOV07 <no subject>

Entered By
NAGLE, RUSSELL P.

Message

The O'Brien's Group notified the SCC that they are the Qualified Individual and will be coordinating the response for the spill. By 1830Z they had already dispatched MSRC, NRC to the scene with four boom boats and two skimmers. OES, Fish and Game, OSPR, and local stakeholders were contacted by SCC and Sector IMD. SCC dispatched PSC, I/O, and IMD team to the vessel to conduct survey and investigation.

Date/Time **Subject(s)**
071914ZNOV07 COSCO BUSAN

Entered By
Cooper, Drew P.

Message

VESSEL ANCHORED IN ANCHORAGE 9.

Date/Time **Subject(s)**
072000ZNOV07 <no subject>

Entered By
NAGLE, RUSSELL P.

Message

Sector stood up Unified Command at YBI. IMD dispatched SCAT teams to conduct shoreline assessment throughout the afternoon. MSST boats were dispatched to conduct safety zone around the vessel, and enforce the security zone around the bridge abutments

Date/Time **Subject(s)**
072007ZNOV07 UTB - 41392

Entered By
Boyd, Ryan E.

Message

UTB - 41392 USCG - CG STA SAN FRANCISCO Departed Scene

| | | |
|--|-----------------------------------|--|
| Date/Time 072010ZNOV07 | Subject(s) UTB - 41392 | Entered By Boyd, Ryan E. |
| Message UTB - 41392 USCG - CG STA SAN FRANCISCO Sortie Ended | | |
| Date/Time 072104ZNOV07 | Subject(s) <no subject> | Entered By NAGLE, RUSSELL P. |
| Message Briefed ASSF for launch | | |
| Date/Time 072110ZNOV07 | Subject(s) RBS - 25406 | Entered By Boyd, Ryan E. |
| Message Response Resource Requested | | |
| Date/Time 072110ZNOV07 | Subject(s) RBS - 25406 | Entered By Boyd, Ryan E. |
| Message RBS - 25406 USCG - CG STA SAN FRANCISCO Launched | | |
| Date/Time 072120ZNOV07 | Subject(s) RBS - 25406 | Entered By Boyd, Ryan E. |
| Message RBS - 25406 USCG - CG STA SAN FRANCISCO On Scene at 072120Z NOV 07 | | |
| Date/Time 072120ZNOV07 | Subject(s) RBS - 25406 | Entered By Boyd, Ryan E. |
| Message Target Located at 072120Z NOV 07 | | |
| Date/Time 072120ZNOV07 | Subject(s) RBS - 25406 | Entered By Boyd, Ryan E. |
| Message RBS - 25406 USCG - CG STA SAN FRANCISCO Alongside | | |
| Date/Time 072130ZNOV07 | Subject(s) RBS - 25406 | Entered By Boyd, Ryan E. |
| Message RBS - 25406 USCG - CG STA SAN FRANCISCO Departed Scene | | |
| Date/Time 072138ZNOV07 | Subject(s) RBS - 25406 | Entered By Boyd, Ryan E. |
| Message RBS - 25406 USCG - CG STA SAN FRANCISCO Sortie Ended | | |
| Date/Time 072204ZNOV07 | Subject(s) RBS - 25501 | Entered By Boyd, Ryan E. |
| Message RBS - 25501 USCG - CG STA SAN FRANCISCO Departed Scene | | |
| Date/Time 072241ZNOV07 | Subject(s) UTB - 41392 | Entered By housey, keith m. |
| Message Response Resource Requested | | |
| Date/Time 072241ZNOV07 | Subject(s) UTB - 41392 | Entered By housey, keith m. |
| Message UTB - 41392 USCG - CG STA SAN FRANCISCO Launched | | |
| Date/Time 072255ZNOV07 | Subject(s) <no subject> | Entered By NAGLE, RUSSELL P. |

Message

ASSF HELO 6516 has experienced a flight casualty and will not be able to land at the confined space at YBI. Directed to RTB.

Date/Time **Subject(s)**
072318ZNOV07 <no subject>

Entered By
NAGLE, RUSSELL P.

Message

STA SF UTB has a 10min ETA.

Date/Time **Subject(s)**
072333ZNOV07 UTB - 41392

Entered By
housey, keith m.

Message

UTB - 41392 USCG - CG STA SAN FRANCISCO On Scene at 072333Z NOV 07

Date/Time **Subject(s)**
072337ZNOV07 <no subject>

Entered By
NAGLE, RUSSELL P.

Message

SCC Updated SMIB to warn mariners to keep a lookout for various amounts of oil and diesel in the water.

Date/Time **Subject(s)**
080000ZNOV07 <no subject>

Entered By
bidowski, andrea .

Message

Issued COTP Order # 07-074.

Date/Time **Subject(s)**
080003ZNOV07 <no subject>

Entered By
NAGLE, RUSSELL P.

Message

STA GG Reports NPS is closing their beaches effected by the oil spill. D11 Notified.

Date/Time **Subject(s)**
080021ZNOV07 <no subject>

Entered By
NAGLE, RUSSELL P.

Message

Briefed D11 about NPS plans to close beaches

Date/Time **Subject(s)**
080121ZNOV07 UTB - 41392

Entered By
housey, keith m.

Message

UTB - 41392 USCG - CG STA SAN FRANCISCO Sortie Ended

Date/Time **Subject(s)**
080202ZNOV07 COSCO BUSAN
A.

Entered By
Fletcher, Gabriel

Message

VTS SF IRO COTP ORDER 07-074 - COSCO BUSAN to remain in ANC 9 until order is adjusted or rescinded and damage assessment required by VSL's classification society.

Date/Time **Subject(s)**
081628ZNOV07 <no subject>

Entered By
NAGLE, RUSSELL P.

Message

CG6516 A/B for overflight

Date/Time **Subject(s)**
081758ZNOV07 <no subject>

Entered By
NAGLE, RUSSELL P.

Message

Briefed ASSF for 2nd overflight

Date/Time **Subject(s)**
081915ZNOV07 <no subject>

Entered By
NAGLE, RUSSELL P.

Message

SCC ntfd D11 of the request for support from the Pacific Strike Team

Date/Time **Subject(s)**
081940ZNOV07 <no subject>

Entered By
NAGLE, RUSSELL P.

Message

ASSF picked up SEC SF CO for overflight

Date/Time **Subject(s)**
082000ZNOV07 <no subject>

Entered By
NAGLE, RUSSELL P.

Message

SCC ntfd D11 of the incident command post contact numbers

Date/Time **Subject(s)**
082214ZNOV07 RBS - 25501

Entered By
Boyd, Ryan E.

Message

RBS - 25501 USCG - CG STA SAN FRANCISCO Sortie Ended

Date/Time **Subject(s)**
090405ZNOV07 COSCO BUSAN
A.

Entered By
Flesher, Gabriel

Message

VTS SF IRO COTP ORDER 07-074 Ammendment 01 for COSCO BUSAN. VSL is permitted to depart ANC 9 for OAK 56. VSL required to have 02 tug escort, minimize list while offloading cargo, shall not depart until COTP SF approves repair proposal.

Date/Time **Subject(s)**
100200ZNOV07 COSCO BUSAN; KELSO, ARNOLD
A.

Entered By
Flesher, Gabriel

Message

Unit 18 A/B M/V COSCO BUSAN RPTS preparing to depart ANC 9 for OAK 56 IAW COTP Order 07-074.

Date/Time **Subject(s)**
100534ZNOV07 <no subject>

Entered By
Grant, Luke J.

Message

100030R - PACAREA - D11 - SEC SAN FRAN - M/V COSCO BUSAN - UPDATE - First light overflights were conducted to determine/assess which areas needed to be skimmed. Eleven skimmers have been actively skimming areas within the affected counties of San Francisco, Marin, Alameda, and Contra Costa. A total of 38,200 feet of boom has been set in these counties with emphasis on 10 known environmentally sensitive sites. Weather conditions continue to promote effective skimming ops inside and outside of the Golden Gate. To date, 8000 to 9500 gallons of product have been recovered. During the last 12 hours, approximately 11,000 gallons of oily water mixture was recovered. Twenty-four shoreline contractor cleanup teams have been employed/assigned at the 22 affected beaches. Seven cubic yards of oily solid material have been collected from impacted beaches. Five Shoreline Cleanup Assessment Teams have been organized and deployed to assess shoreline conditions and provide cleanup recommendations. To date, 94 birds were oiled and are being treated. 28 birds have died. Vessel has safely shifted from Anchorage 9 to Oakland Berth 56. The COTP has detained the vessel under the International Safety Management (ISM) code. Case Pends. V/r, LTJG Grant, LANT/D5 MHLS Watch

Date/Time **Subject(s)**
100556ZNOV07 COSCO BUSAN; KELSO, ARNOLD
A.

Entered By
Flesher, Gabriel

Message

SF Bar Pilot unit 18 RPTS SUBJ VSL moored Hanjin Terminal Berth 56, Oakland CA.

Date/Time **Subject(s)**
110028ZNOV07 <no subject>
A.

Entered By
Flesher, Gabriel

Message

Incident Management Activety 3094631 - Final Review Conducted by OSC G. Flesher (SEC SF - VTS).

QRC 's

- ☐ Allision
 - ☐ Initial Information
 - ☐ 1. Document Allision Specifics
 - ☐ 2. Is there apparent damage to the structure?
 - ☐ 3. Is the structure operable?
 - ☐ 4. Are there any restrictions to the waterway?
 - ☐ 5. Are there any restrictions to highway or railroad traffic?
 - ☐ 6. Is SAR required? (if yes, see #1 below)
 - ☐ 7. Is incident a serious marine incident, significant marine casualty and/or a major marine casualty? If yes, start applicable QRC
 - ☐ 8. Is there any pollution? If yes, start applicable Pollution QRC
 - ☐ 9. Document information on Person in Charge of Vessel
 - ☐ 10. Were there any personnel injuries or deaths?
- ☐ Initial Actions
 - ☐ 1. Take SAR Action, if applicable (see #6 above)
 - ☐ a. Action by your unit? If yes, start applicable SAR QRC
 - ☐ b. Action by other unit?
 - ☐ 2. Notify cognizant ACT/GRP/MSO (check "No" if not required)
 - ☐ 3. Notify owner or responsible party of structure, state/county DOT, and state/local policy (check "No" if no notifications made)
 - ☐ 4. Issue UMIB (check "No" if not needed)
 - ☐ 5. Issue NTM (check "No" if not needed)
 - ☐ 6. Notify District (m), (oan) and (obr) (check "No" if not done)
 - ☐ 7. Notify Area (m) if allision resulted in closure of waterway or bridge for more than 48 hours (check "No" if not required)

Sequence of Events.

11/10/2007 5:34:00 (Known): 100030R - PACAREA - D11 - SEC SAN FRAN - M/V COSCO BUSAN - UPDATE - First light overflights were conducted to determine/assess which areas needed to be skimmed. Eleven skimmers have been actively skimming areas within the affected counties of San Francisco, Marin, Alameda, and Contra Costa. A total of 38,200 feet of boom has been set in these counties with emphasis on 10 known environmentally sensitive sites. Weather conditions continue to promote effective skimming ops inside and outside of the Golden Gate. To date, 8000 to 9500 gallons of product have been recovered. During the last 12 hours, approximately 11,000 gallons of oily water mixture was recovered. Twenty-four shoreline contractor cleanup teams have been employed/assigned at the 22 affected beaches. Seven cubic yards of oily solid material have been collected from impacted beaches. Five Shoreline Cleanup Assessment Teams have been organized and deployed to assess shoreline conditions and provide cleanup recommendations. To date, 94 birds were oiled and are being treated. 28 birds have died. Vessel has safely shifted from Anchorage 9 to Oakland Berth 56. The COTP has detained the vessel under the International Safety Management (ISM) code. Case Pends. V/r, LTJG Grant, LANT/D5 MHLS Watch

Action Class: Response Communication

Sub-Type:

Location:

Subject(s) and Details:

Name

<no subject>

Details Filed: None

Type

Other

Status

Role

P

FM: SECTOR SAN FRANCISCO

TO:

INFO:

BT

UNCLAS //N16130//

SUBJ: MS/ALLISION/LYNN MARIE/COSCO BUSAN/COSCO BUSAN/COSCO BUSAN/INCIDENT

LOCATION, LAT 37 46.0 N LONG 122 18.0 W

PERIOD:070840Z NOV 07 - 232037Z NOV 07

1. SITUATION.

A. CURRENT STATUS: OPEN - IN PROGRESS

B. NOTIFICATION: 07 Nov 2007; JOHN COTA VIA VHF/FM (OTHER THAN CHANNEL 16);

POB:0 ADULTS:0 CHILDREN:0

C. NARRATIVE: THE CONTAINER SHIP COSCO BUSAN GOT UNDERWAY FROM OAKLAND BERTH 56 FOR SEA, UNIT ROMEO WAS PILOTING THE SHIP. SECTOR SAN FRANCISCO VESSEL TRAFFIC SERVICE NOTICED THE VESSEL MAKING AN UNUSUAL TURN. TRAFFIC ASKED THE PILOT WHAT HIS INTENTIONS WERE, THE PILOT STATED THAT HE INTENDED TO TRANSIT UNDER THE DELTA- ECHO SPAN OF THE BAY BRIDGE. TRAFFIC STATED THAT THE VESSEL WAS ON A HEADING THAT LOOKED UNUSUAL; THE PILOT STATED THAT HIS INSTRUMENTS HAD A DIFFERENT READING. SHORTLY AFTER TRAFFIC WAS CONTACTED BY THE PILOT STATING THAT HE HAD JUST STRUCK THE BRIDGE. VTS SF NTFD THE SECTOR SAN FRANCISCO COMMAND CENTER (SCC) AND THE CALIFORNIA TRANSPORTATION AUTHORITY (CAL TRANS). CAL TRANS DISPATCHED INSPECTORS/ENGINEERS TO THE ALLISION SITE AND RPTD NO DAMAGE TO THE BRIDGE STRUCTURE W/ THE EXCEPTION OF THE FENDERING SYSTEM. FOLLOWING THE ALLISION, COSCO BUSAN PROCEEDED TO SAN FRANCISCO BAY ANCHORAGE (ANC) 7 WHERE SAN FRANCISCO BAR PILOT UNIT "R" WAS RELIEVED BY UNIT "37." 37 LATER PILOTED SUBJ VSL FM ANC 7 TO ANC 9. COTP ORDER 07-074 WAS ISSUED BY COTP SF AND RCVD BY VTS SF REQUIRING COSCO BUSAN TO REMAIN IN ANC 9 UNTIL RELEASED BY COTP ORDER. COTP 07-074 WAS LATER AMENDED TO PERMIT SUBJ VSL TO DEPART ANCHORAGE FOR THE HANJIN TERMINALS AT THE PORT OF OAKLAND, CA. AS OF 101747U NOV 07 M/V COSCO BUSAN REMAINED MOORED ALONGSIDE OF HANJIN BERTH 56 OAKLAND CA. ACTIVITY CLOSED - SECTOR SAN FRANCISCO / VTS - ACTIVITY #: 3094631

07NOV07: PSC INSPECTORS BOARDED THE VESSEL ALONG WITH IO'S FOR POST-CASUALTY INVESTIGATION OF VESSEL. DURING THE COURSE OF THE INVESTIGATION, PSC INSPECTORS NOTICED POSSIBLE LAPSES IN THE IMPLEMENTATION OF THE BRIDGE SAFETY MANAGEMENT SYSTEM. CONDUCTED EXPANDED ISM EXAM REGARDING BRIDGE MANAGEMENT. INSPECTORS FOUND, THROUGH THE EXAM AND INTERVIEWS WITH VESSEL CREW, THAT THE BRIDGE WAS LIKELY NOT MANNED COMMENSURATE WITH THE ENVIRONMENTAL CONDITIONS AT THE TIME OF THE CASUALTY. ALSO, THEY NOTICED THAT THE FIXES WERE NOT PLOTTED AS OFTEN AS REQUIRED. ACCORDING TO THE 3/O WHO WAS ON THE BRIDGE AT THE TIME, HE WAS UNABLE TO COMPLY WITH REQUIREMENTS B/C HE WAS MANNING THE EOT AT THE SAME TIME. VESSEL DETAINED FOR FAILURE TO IMPLEMENT THE ISM. FORM B REQUESTED ISM AUDIT TO BE COMPLETED. - ACTIVITY #: 3095968

D. INVOLVED SUBJECTS:

PERSON NAME: COTA, JOHN DOB: ROLE: OTHER

PERSON NAME: KELSO, ARNOLD DOB: 05 JUN 1951 ROLE: WATCHSTANDER

PERSON NAME: HOBURG, ELLSWORTH F DOB: ROLE: WATCHSTANDER

PERSON NAME: COTA, JOHN DOB: ROLE: RESPONSIBLE PARTY

VESSEL NAME: LYNN MARIE VIN: 1116243 CALL SIGN: FLAG: UNITED STATES OF AMERICA GROSS TONS: 196; LENGTH: 92.2 CLASS/TYPE/SUBTYPE: TOWING

VESSEL/GENERAL/ LPOC: NPOC:

VESSEL NAME: COSCO BUSAN VIN: 9231743 CALL SIGN: DPSQ FLAG: GERMANY GROSS TONS: 65131; LENGTH: 901.2 CLASS/TYPE/SUBTYPE: GENERAL DRY CARGO

SHIP/CONTAINER SHIP/GENERAL LPOC: LONG BEACH - HANJIN CONTAINER TERMINAL - UNITED STATES NPOC:

VESSEL NAME: COSCO BUSAN VIN: 9231743 CALL SIGN: DPSQ FLAG: HONG KONG GROSS TONS: 65131; LENGTH: 901.2 CLASS/TYPE/SUBTYPE: GENERAL DRY CARGO

SHIP/CONTAINER SHIP/GENERAL LPOC: LONG BEACH - HANJIN CONTAINER TERMINAL - UNITED STATES NPOC:

FACILITY NAME: SAN FRANCISCO - OAKLAND BAY BRIDGE; FIN: SF000867;
TYPE/SUBTYPE: BRIDGE/
FACILITY NAME: HANJIN TERMINAL - TTI; FIN: SF000138; TYPE/SUBTYPE: WATERFRONT
FACILITY/ MARPOL RECEPTION, CONTAINER
WATERWAY NAME: ANCHORAGE 9; ACOE:
WATERWAY NAME: SAN FRANCISCO BAY; ACOE:
WEATHER:
NO WEATHER DATA RECORDED IN MISLE
2. ACTION TAKEN.
A. 071630Z NOV 07: SCC RCVD RPT FROM VTS STATING THAT THE M/V COSCO BUSAN
HAD STRUCK THE DELTA TOWER OF THE BAY BRIDGE WHILE TRANSITING OUTBOUND FROM
OAKLAND. THE VSL IS NOW AT ANCHORAGE 7. VTS REPORTS THEY WILL CONTACT
CALTRANS
B. 071630Z NOV 07: INITIAL NOTIFICATION - SF BAR PILOT UNIT R WAS PILOTING
THE M/V COSCO BUSAN UNDER THE OAKLAND BAY BRIDGE AND STUCK THE DELTA TOWER OF
THE BRIDGE.
C. 071630Z NOV 07:
D. 071631Z NOV 07:
E. 071633Z NOV 07: SEC SF VTS BRIEFED CAL TRANS: ALLISION TO THE EAST SIDE
OF THE DELTA TOWER OF THE OAKLAND BAY BRIDGE. REPORTED DAMAGE TO PILEINGS.
F. 071636Z NOV 07: SCC ISSUED AN SMIB ABOUT THE COSCO BUSAN MAKING CONTACT
WITH THE BAY BRIDGE. SMIB WARNED ALL VSLs TO KEEP A 100YRD DISTANCE FROM THE
VSL AND TO TRANSIT THE AREA WITH CAUTION. SMIB IS TO BE ISSUED EVERY 15
MINUTES.
G. 071637Z NOV 07: SU BRIEFED ENS HOPPER
H. 071640Z NOV 07: SCC BRIEFED MR. SULOUFF AT D11
I. 071646Z NOV 07: BRIEFED STA SF FOR LAUNCH TO INVESTIGATE DAMAGE TO
BRIDGE AND VESSEL
J. 071648Z NOV 07: PIER DEBRIS AND FUEL IN WATER DID NOT KNOW THE FULL
EXTENT OF DAMAGE. RECOMMENDED CONTACT ARMY CORP OF ENGINEERS AND RESPOND TO
DEBRIS IN WATER.
K. 071650Z NOV 07: BRIEFED IMD, MST2 ANDERSON WILL BE DEPARTING TO
INVESTIGATE SPILL
L. 071650Z NOV 07: SCC WAS NOTIFIED BY NRC (REPORT # 853865) THAT THERE WAS
OIL IN THE WATER CAUSED BY THE M/V COSCO BUSAN. IMD WAS BRIEFED VIA PHONE.
M. 071650Z NOV 07: COSCO BUSAN RPTD TO VTS: ANCHORED IN ANCHORAGE 7.
N. 071655Z NOV 07: MR HOBURG (SF BARY PILOT UNIT: 37) STATED HE HAD
RELIEVED CAPTAIN JOHN COTA (SF BAR PILOT UNIT: R).
O. 071659Z NOV 07: VTS SF SENT SECURITE BCST TO INFORM VESSELS OF MINIMUM
WAKE AROUND COSCO BUSAN IN ANC 7.
P. 071704Z NOV 07: RESPONSE RESOURCE REQUESTED
Q. 071704Z NOV 07: UTB - 41392 USCG - CG STA SAN FRANCISCO LAUNCHED
R. 071705Z NOV 07: VTS SF NTFD THE ACOE OF THE DEBRIS IN THE WATER SOUTH OF
THE OAKLAND BAY BRIDGE.
S. 071710Z NOV 07: TUB LYNN MARIE INFORMED VTS THAT THE TUG HAD SPOTTED
FUEL AND DEBRIS FROM YERBA BUENA ISLAND TO THE ALPHA TOWER OF THE OAKLAND BAY
BRIDGE.
T. 071713Z NOV 07: UTB - 41392 USCG - CG STA SAN FRANCISCO ON SCENE AT
071713Z NOV 07
U. 071713Z NOV 07: TARGET LOCATED AT 071713Z NOV 07
V. 071713Z NOV 07: UTB - 41392 USCG - CG STA SAN FRANCISCO ALONGSIDE
W. 071722Z NOV 07: ACOE STATED THAT THEY WOULD SEND ASSESTS TO ASSIST IN
DEBRIS CLEAN UP.
X. 071722Z NOV 07: CONTACTED AGENT WHO STATED THAT OSRO HAD BEEN NOTIFIED
Y. 071723Z NOV 07: INQUIRED IF ANY OF THE OIL RESPONSE BOATS HAVE CHECKED
IN FOR THE COSCO BUSAN. NO OIL RESPONSE VESSELS HAVE CHECKED IN AS OF YET.
VTS QUERRIED THE PILOT ON FUEL LEAKAGE SITUATION. PILOT'S RESPONSE WAS THE
SHIP'S CREW HAS SECURED THE FUEL SPILL.
Z. 071730Z NOV 07: CONDUCTED VIRTUAL BRIEF

AA. 071739Z NOV 07: CAL TRANS RPTD TO VTS THAT INVESTIGATORS WERE ON SCENE TO CHECK THE STRUCTURAL DAMAGE TO THE TOWER.

AB. 071745Z NOV 07: SCC INITIATED CIC; CIC REQUEST DENIED DUE TO THE ISSUE BEING A LOCAL ISSUE.

AC. 071745Z NOV 07: PO ANDERSON REPORTS THE SOUNDING TUBE APPEARS BENT; RESULTING IN UNCERTAIN INFORMATION REGARDING FUEL DISCHARGE.

AD. 071754Z NOV 07: REQUESTED TO SHIFT THE VESSEL TO ANCHORAGE 9 DUE TO DRAFT CONCERNS, THE VESSEL IS DRAWING 40'4" ANCHORAGE 7 IS NOT AN IDEAL ANCHORAGE FOR THE VESSEL. SEC SF SMC AUTHORIZED.

AE. 071754Z NOV 07: COSCO BUSAN ENR ANCHORAGE 9

AF. 071757Z NOV 07: CGC TERN BRIEFED FOR LAUNCH

AG. 071758Z NOV 07: SEC SF VTS NOTIFIED VSL THAT VESSEL HAD TO MAINTAIN AT LEAST 1 NM DISTANCE FROM ANY ANCHORED VESSEL.

AH. 071807Z NOV 07: UNIT 37 ONBOARD THE COSCO BUSAN CONTACTED SEC SF VTS PREPARING TO DEPART ANCHORAGE 7 FOR ANCHORAGE 9.

AI. 071812Z NOV 07: WE RECEIVED A CALL FROM DANNY HEROD AT O'BRIENS STATING THAT AN OSRO TEAM IS GETTING ASSEMBLED.

AJ. 071817Z NOV 07: RESPONSE RESOURCE REQUESTED

AK. 071817Z NOV 07: RBS - 25501 USCG - CG STA SAN FRANCISCO LAUNCHED

AL. 071822Z NOV 07: NOTIFIED THAT M/V COSCO BUSAN UNDERWAY FOR ANCHORAGE 9

AM. 071822Z NOV 07: CGC TERN ASSUMES PATCOM

AN. 071825Z NOV 07: RBS - 25501 USCG - CG STA SAN FRANCISCO ON SCENE AT 071825Z NOV 07

AO. 071825Z NOV 07: TARGET LOCATED AT 071825Z NOV 07

AP. 071825Z NOV 07: RBS - 25501 USCG - CG STA SAN FRANCISCO ALONGSIDE

AQ. 071830Z NOV 07: THE O'BRIEN'S GROUP NOTIFIED THE SCC THAT THEY ARE THE QUALIFIED INDIVIDUAL AND WILL BE COORDINATING THE RESPONSE FOR THE SPILL. BY 1830Z THEY HAD ALREADY DISPATCHED MSRC, NRC TO THE SCENE WITH FOUR BOOM BOATS AND TWO SKIMMERS. OES, FISH AND GAME, OSPR, AND LOCAL STAKEHOLDERS WERE CONTACTED BY SCC AND SECTOR IMD. SCC DISPATCHED PSC, I/O, AND IMD TEAM TO THE VESSEL TO CONDUCT SURVEY AND INVESTIGATION.

AR. 071914Z NOV 07: VESSEL ANCHORED IN ANCHORAGE 9.

AS. 072000Z NOV 07: SECTOR STOOD UP UNIFIED COMMAND AT YBI. IMD DISPATCHED SCAT TEAMS TO CONDUCT SHORELINE ASSESSMENT THROUGHOUT THE AFTERNOON. MSST BOATS WERE DISPATCHED TO CONDUCT SAFETY ZONE AROUND THE VESSEL, AND ENFORCE THE SECURITY ZONE AROUND THE BRIDGE ABUTMENTS

AT. 072007Z NOV 07: UTB - 41392 USCG - CG STA SAN FRANCISCO DEPARTED SCENE

AU. 072010Z NOV 07: UTB - 41392 USCG - CG STA SAN FRANCISCO SORTIE ENDED

AV. 072104Z NOV 07: BRIEFED ASSF FOR LAUNCH

AW. 072110Z NOV 07: RESPONSE RESOURCE REQUESTED

AX. 072110Z NOV 07: RBS - 25406 USCG - CG STA SAN FRANCISCO LAUNCHED

AY. 072120Z NOV 07: RBS - 25406 USCG - CG STA SAN FRANCISCO ON SCENE AT 072120Z NOV 07

AZ. 072120Z NOV 07: TARGET LOCATED AT 072120Z NOV 07

BA. 072120Z NOV 07: RBS - 25406 USCG - CG STA SAN FRANCISCO ALONGSIDE

BB. 072130Z NOV 07: RBS - 25406 USCG - CG STA SAN FRANCISCO DEPARTED SCENE

BC. 072138Z NOV 07: RBS - 25406 USCG - CG STA SAN FRANCISCO SORTIE ENDED

BD. 072204Z NOV 07: RBS - 25501 USCG - CG STA SAN FRANCISCO DEPARTED SCENE

BE. 072241Z NOV 07: RESPONSE RESOURCE REQUESTED

BF. 072241Z NOV 07: UTB - 41392 USCG - CG STA SAN FRANCISCO LAUNCHED

BG. 072255Z NOV 07: ASSF HELO 6516 HAS EXPERIENCED A FLIGHT CASUALTY AND WILL NOT BE ABLE TO LAND AT THE CONFINED SPACE AT YBI. DIRECTED TO RTB.

BH. 072318Z NOV 07: STA SF UTB HAS A 10MIN ETA.

BI. 072333Z NOV 07: UTB - 41392 USCG - CG STA SAN FRANCISCO ON SCENE AT 072333Z NOV 07

BJ. 072337Z NOV 07: SCC UPDATED SMIB TO WARN MARINERS TO KEEP A LOOKOUT FOR VARIOUS AMOUNTS OF OIL AND DIESEL IN THE WATER.

BK. 080000Z NOV 07: ISSUED COTP ORDER # 07-074.

BL. 080003Z NOV 07: STA GG REPORTS NPS IS CLOSING THEIR BEACHES EFFECTED BY THE OIL SPILL. D11 NOTIFIED.

BM. 080021Z NOV 07: BRIEFED D11 ABOUT NPS PLANS TO CLOSE BEACHES
BN. 080121Z NOV 07: UTB - 41392 USCG - CG STA SAN FRANCISCO SORTIE ENDED
BO. 080202Z NOV 07: VTS SF IRO COTP ORDER 07-074 - COSCO BUSAN TO REMAIN IN
ANC 9 UNTIL ORDER IS ADJUSTED OR RESCINDED AND DAMAGE ASSESSMENT REQUIRED BY
VSL'S CLASSIFICATION SOCIETY.
BP. 081628Z NOV 07: CG6516 A/B FOR OVERFLIGHT
BQ. 081758Z NOV 07: BRIEFED ASSF FOR 2ND OVERFLIGHT
BR. 081915Z NOV 07: SCC NTFD D11 OF THE REQUEST FOR SUPPORT FROM THE
PACIFIC STRIKE TEAM
BS. 081940Z NOV 07: ASSF PICKED UP SEC SF CO FOR OVERFLIGHT
BT. 082000Z NOV 07: SCC NTFD D11 OF THE INCIDENT COMMAND POST CONTACT
NUMBERS
BU. 082214Z NOV 07: RBS - 25501 USCG - CG STA SAN FRANCISCO SORTIE ENDED
BV. 090405Z NOV 07: VTS SF IRO COTP ORDER 07-074 AMMENDMENT 01 FOR COSCO
BUSAN. VSL IS PERMITTED TO DEPART ANC 9 FOR OAK 56. VSL REQUIRED TO HAVE 02
TUG ESCORT, MINIMIZE LIST WHILE OFFLOADING CARGO, SHALL NOT DEPART UNTIL
COTP SF APPROVES REPAIR PROPOSAL.
BW. 100200Z NOV 07: UNIT 18 A/B M/V COSCO BUSAN RPTS PREPARING TO DEPART
ANC 9 FOR OAK 56 IAW COTP ORDER 07-074.
BX. 100534Z NOV 07: 100030R - PACAREA - D11 - SEC SAN FRAN - M/V COSCO
BUSAN - UPDATE - FIRST LIGHT OVERFLIGHTS WERE CONDUCTED TO DETERMINE/ASSESS
WHICH AREAS NEEDED TO BE SKIMMED. ELEVEN SKIMMERS HAVE BEEN ACTIVELY
SKIMMING AREAS WITHIN THE AFFECTED COUNTIES OF SAN FRANCISCO, MARIN, ALAMEDA,
AND CONTRA COSTA. A TOTAL OF 38,200 FEET OF BOOM HAS BEEN SET IN THESE
COUNTIES WITH EMPHASIS ON 10 KNOWN ENVIRONMENTALLY SENSITIVE SITES. WEATHER
CONDITIONS CONTINUE TO PROMOTE EFFECTIVE SKIMMING OPS INSIDE AND OUTSIDE OF
THE GOLDEN GATE. TO DATE, 8000 TO 9500 GALLONS OF PRODUCT HAVE BEEN
RECOVERED. DURING THE LAST 12 HOURS, APPROXIMATELY 11,000 GALLONS OF OILY
WATER MIXTURE WAS RECOVERED. TWENTY-FOUR SHORELINE CONTRACTOR CLEANUP TEAMS
HAVE BEEN EMPLOYED/ASSIGNED AT THE 22 AFFECTED BEACHES. SEVEN CUBIC YARDS OF
OILY SOLID MATERIAL HAVE BEEN COLLECTED FROM IMPACTED BEACHES. FIVE
SHORELINE CLEANUP ASSESSMENT TEAMS HAVE BEEN ORGANIZED AND DEPLOYED TO ASSESS
SHORELINE CONDITIONS AND PROVIDE CLEANUP RECOMMENDATIONS. TO DATE, 94 BIRDS
WERE OILED AND ARE BEING TREATED. 28 BIRDS HAVE DIED. VESSEL HAS SAFELY
SHIFTED FROM ANCHORAGE 9 TO OAKLAND BERTH 56. THE COTP HAS DETAINED THE
VESSEL UNDER THE INTERNATIONAL SAFETY MANAGEMENT (ISM) CODE. CASE PENDS.
V/R, LTJG GRANT, LANT/D5 MHLS WATCH

BY. 100556Z NOV 07: SF BAR PILOT UNIT 18 RPTS SUBJ VSL MOORED HANJIN
TERMINAL BERTH 56, OAKLAND CA.
3. PLANS AND RECOMMENDATIONS:
4. AMPLIFYING INFO:
5. SORTIE DATA:
A. UNIT:USCG - CG STA SAN FRANCISCO RESOURCE ID: UTB - 41392 RISK ASSESSMENT:
GREEN:18 TIME ON SORTIE: 03:06 TIME SEARCHING: 00:00
B. UNIT:USCG - CG STA SAN FRANCISCO RESOURCE ID: RBS - 25501 RISK ASSESSMENT:
GREEN:16 TIME ON SORTIE: 28:57 TIME SEARCHING: 00:00
C. UNIT:USCG - CG STA SAN FRANCISCO RESOURCE ID: RBS - 25406 RISK ASSESSMENT:
GREEN:13 TIME ON SORTIE: 00:28 TIME SEARCHING: 00:00
D. UNIT:USCG - CG STA SAN FRANCISCO RESOURCE ID: UTB - 41392 RISK ASSESSMENT:
GREEN:18 TIME ON SORTIE: 03:40
6. MISLE CASE ID:381733
[HTTP://MISLE.OSC.USCG.MIL/MSNWEB/MSN_CASE_DETAIL.ASP?CASE_ID=381733](http://MISLE.OSC.USCG.MIL/MSNWEB/MSN_CASE_DETAIL.ASP?CASE_ID=381733)

Case History Report

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12 Nov 2007 04:41(Z)

---Administrative Data---

Case #: 381733 Open Dt: 07 Nov 2007
Status: Open - In Progress
Title: MS Allision/ 37 46. N 122 18. W/071630ZNOV07
Originating Unit: SEC SanFran Owner: SEC SanFran Control: SEC SanFran

Other Activities (Non IMA or Non Sortie) in Case:

Activity #: 3095030 Activity Type: Incident Investigation
Activity #: 3095968 Activity Type: Vessel Inspection/PSC

---Incident Data---

● **Activity #:** 3096205 Status: Open - In Progress Start Dt: 10 Nov 2007
Activity Type: Incident Management
Orig Unit: LANT Owner: LANT Control: LANT

Incident Type: MS
Incident Cause: Allision
Incident Summary:

Involved Subjects:

Attached QRC's:

Type: M Desc: Allision Date added: 11/10/2007 5:34:50 AM Unit added: COMDT 37RCC
Type: M Desc: Bridge Allision Date added: 11/10/2007 5:34:50 AM Unit added: COMDT 37RCC
Type: M Desc: Control of Vessel Movements Date added: 11/10/2007 5:34:50 AM Unit added: COMDT 385
Type: M Desc: Hazmat Pollution Incidents Date added: 11/10/2007 5:34:50 AM Unit added: COMDT 3RPP
Type: M Desc: Major Marine Casualties Date added: 11/10/2007 5:34:50 AM Unit added: COMDT 385
Type: M Desc: MRI Allision Date added: 11/10/2007 5:34:50 AM Unit added: COMDT 385
Type: M Desc: Regional Response Team Notification Date added: 11/10/2007 5:34:50 AM Unit added: COMDT 3RPP
Type: M Desc: Side Scan Sonar Date added: 11/10/2007 5:34:50 AM Unit added: COMDT 3RPP

Type: M Desc: Significant/Major Marine Casualty Date added: 11/10/2007 5:34:50 AM
Unit added: COMDT 3RPP

Type: M Desc: Vessel Collisions or Groundings Date added: 11/10/2007 5:34:50 AM Unit
added: COMDT 3RPP

● **Activity #:** 3094822 Status: Open - In Progress Start Dt: 07 Nov 2007
Activity Type: Incident Management
Orig Unit: SEC SanFran Owner: SEC SanFran Control: SEC SanFran

Incident Type: MS
Incident Cause: Allision
Incident Summary:

● **Activity #:** 3094631 Status: Closed - Agency Action Complete Start Dt: 07
Nov 2007

Activity Type: Incident Management
Orig Unit: SEC SanFran Owner: SEC SanFran Control: SEC SanFran
07 Nov 2007; JOHN COTA VIA VHF/FM (OTHER THAN CHANNEL 16); POB:0 ADULTS:0
CHILDREN:0

Incident Type: MS
Incident Cause: Allision

Incident Summary: The container ship Cosco Busan got underway from Oakland berth 56 for sea, unit Romeo was piloting the ship. Sector San Francisco Vessel Traffic Service noticed the vessel making an unusual turn. Traffic asked the pilot what his intentions were, the pilot stated that he intendeds to transit under the Delta- Echo span of the Bay Bridge. Traffic stated that the vessel was on a heading that looked unusual; the pilot stated that his instruments had a different reading. Shortly after traffic was contacted by the pilot stating that he had just struck the bridge. VTS SF NTFD the Sector San Francisco Command Center (SCC) and the California Transportation Authority (CAL TRANS). CAL TRANS dispatched inspectors/engineers to the allision site and RPTD no damage to the bridge structure w/ the exception of the fendering system. Following the allision, COSCO BUSAN proceeded to San Francisco Bay anchorage (ANC) 7 where San Francisco Bar Pilot Unit "R" was relieved by unit "37." 37 later piloted SUBJ VSL FM ANC 7 to ANC 9. COTP Order 07-074 was issued by COTP SF and RCVD by VTS SF requiring COSCO BUSAN to remain in ANC 9 until released by COTP Order. COTP 07-074 was later ammended to permit SUBJ VSL to depart anchorage for the Hanjin Terminals at the Port of Oakland, CA. As of 101747U NOV 07 M/V COSCO BUSAN remained moored alongside of Hanjin Berth 56 Oakland Ca. Activity Closed - Sector San Francisco / VTS

Weather:

Involved Subjects:

Vessel Name: LYNN MARIE VIN: 1116243 Call Sign:
 Role: Transiting Vicinity of Primary Subject
 Flag: United States of America Gross Tons: 196 Length: 92.2
 Completed Dt: 2001
 Service: Towing Vessel Propulsion:
 Damage Status:
 Vessel Name: COSCO BUSAN VIN: 9231743 Call Sign: DPSQ
 Role: Acknowledged Pollution Source
 Flag: GERMANY Gross Tons: 65131 Length: 901.2
 Keel Laid Dt:
 Service: Freight Ship Propulsion: Diesel Direct
 Damage Status:
 Facility Name: San Francisco - Oakland Bay Bridge FIN: SF000867
 Type: Bridge
 Role: Site of Incident
 Facility Name: HANJIN TERMINAL - TTI FIN: SF000138
 Type: Waterfront Facility
 Role: Cargo Transfer Location
 Person Name: KELSO, ARNOLD DOB: 05 Jun 1951 Status:
 SSN :541-64-6272
 Role: Watchstander
 Person Name: HOBURG, ELLSWORTH F DOB: Status:
 SSN :567-50-5693
 Role: Watchstander
 Person Name: COTA, JOHN DOB: Status:
 IPN/COFR # :IP90008036
 Role: Responsible Party
 Waterway Name: Anchorage 9 ACOE:
 Role: Location
 Waterway Name: San Francisco Bay ACOE:
 Role: Location

---Sortie Data---

● Activity #: 3095621 Status: Closed - Agency Action Complete Start Dt: 08 Nov 2007
 Activity Type: Resource Sortie Start Dt: 08 Nov 2007
 Orig Unit: STA SanFran Owner: STA SanFran Control: STA SanFran
 Target Location Method: Distance: 0
 Mission: Patrol (Non-Security)
 Request DtTm : 11/07/2007 10:41:00 PM Request Unit: STA SanFran
 Launch DtTm : 11/07/2007 10:41:00 PM
 On Scene DtTm : 11/07/2007 11:33:00 PM
 Target Loc DtTm :
 Along Side DtTm :
 Depart DtTm :
 End DtTm : 11/08/2007 1:21:00 AM
 Comments :

Weather:

Weather DtTm:
 Gen Location:

| | | |
|-------------|--------------|-----------------|
| Water Temp: | Water Depth: | Wave Height: |
| Wind Speed: | Wind Gust: | Wind Direction: |
| Ceiling: | Visibility: | Sea Pressure: |
| Sky Cond: | Precip Type: | |

Results:

People: 0 Outcome: Lives assisted Assistance: Other assistance
Amount: \$13000000 Outcome: Otherwise Assisted

● **Activity #: 3095056** Status: Closed - Agency Action Complete Start Dt: 07 Nov 2007

Activity Type: Resource Sortie Start Dt: 07 Nov 2007

Orig Unit: STA SanFran Owner: STA SanFran Control: STA SanFran

Target Location Method: Other method Distance: 1

Mission: Patrol (Non-Security)

Request DtTm : 11/07/2007 6:17:00 PM Request Unit: STA SanFran

Launch DtTm : 11/07/2007 6:17:00 PM

On Scene DtTm : 11/07/2007 6:25:00 PM

Target Loc DtTm : 11/07/2007 6:25:00 PM

Along Side DtTm : 11/07/2007 6:25:00 PM

Depart DtTm : 11/07/2007 10:04:00 PM

End DtTm : 11/08/2007 10:14:00 PM

Comments :

Weather:

Weather DtTm: 11/07/2007 6:25:00 PM

Gen Location: SF BAY IVO ANCHORAGE 9

| | | |
|----------------|--------------|--------------|
| Water Temp: 59 | Water Depth: | Wave Height: |
|----------------|--------------|--------------|

| | | |
|-------------|------------|-----------------|
| Wind Speed: | Wind Gust: | Wind Direction: |
|-------------|------------|-----------------|

| | | |
|----------|---------------|---------------|
| Ceiling: | Visibility: 3 | Sea Pressure: |
|----------|---------------|---------------|

| | | |
|--------------------|--------------|--|
| Sky Cond: Overcast | Precip Type: | |
|--------------------|--------------|--|

Results:

People: 0 Outcome: Lives assisted Assistance: Other assistance
Amount: \$13000000 Outcome: Otherwise Assisted

● **Activity #: 3095059** Status: Closed - Agency Action Complete Start Dt: 07 Nov 2007

Activity Type: Resource Sortie Start Dt: 07 Nov 2007

Orig Unit: STA SanFran Owner: STA SanFran Control: STA SanFran

Target Location Method: Other method Distance: 1

Mission: Patrol (Non-Security)

Request DtTm : 11/07/2007 9:10:00 PM Request Unit: STA SanFran

Launch DtTm : 11/07/2007 9:10:00 PM

On Scene DtTm : 11/07/2007 9:20:00 PM

Target Loc DtTm : 11/07/2007 9:20:00 PM

Along Side DtTm : 11/07/2007 9:20:00 PM

Depart DtTm : 11/07/2007 9:30:00 PM

End DtTm : 11/07/2007 9:38:00 PM

Comments :

Weather:

Weather DtTm: 11/07/2007 9:20:00 PM

Gen Location: SF BAY IVO ANCHORAGE 9

| | | |
|-----------------|---------------|-----------------|
| Water Temp: 59 | Water Depth: | Wave Height: |
| Wind Speed: | Wind Gust: | Wind Direction: |
| Ceiling: | Visibility: 3 | Sea Pressure: |
| Sky Cond: Clear | Precip Type: | |

Results:

| | | |
|--------------------|-----------------------------|------------------------------|
| # People: 0 | Outcome: Lives assisted | Assistance: Other assistance |
| Amount: \$13000000 | Outcome: Otherwise Assisted | |

● **Activity #: 3095046** Status: Closed - Agency Action Complete Start Dt: 07 Nov 2007

Activity Type: Resource Sortie Start Dt: 07 Nov 2007

Orig Unit: STA SanFran Owner: STA SanFran Control: STA SanFran

Target Location Method: Other method Distance: 1

Mission: Patrol (Non-Security)

Request DtTm : 11/07/2007 5:04:00 PM Request Unit: STA SanFran

Launch DtTm : 11/07/2007 5:04:00 PM

On Scene DtTm : 11/07/2007 5:13:00 PM

Target Loc DtTm : 11/07/2007 5:13:00 PM

Along Side DtTm : 11/07/2007 5:13:00 PM

Depart DtTm : 11/07/2007 8:07:00 PM

End DtTm : 11/07/2007 8:10:00 PM

Comments :

Weather:

Weather DtTm: 11/07/2007 5:13:00 PM

Gen Location: SF BAY IVO ANCHORAGE 9

| | | |
|----------------|--------------|--------------|
| Water Temp: 59 | Water Depth: | Wave Height: |
|----------------|--------------|--------------|

| | | |
|-------------|------------|-----------------|
| Wind Speed: | Wind Gust: | Wind Direction: |
|-------------|------------|-----------------|

| | | |
|----------|---------------|---------------|
| Ceiling: | Visibility: 3 | Sea Pressure: |
|----------|---------------|---------------|

| | | |
|--------------------|--------------|--|
| Sky Cond: Overcast | Precip Type: | |
|--------------------|--------------|--|

Results:

| | | |
|-------------------|-----------------------------|------------------------------|
| # People: 0 | Outcome: Lives assisted | Assistance: Other assistance |
| Amount: \$7600000 | Outcome: Otherwise Assisted | |